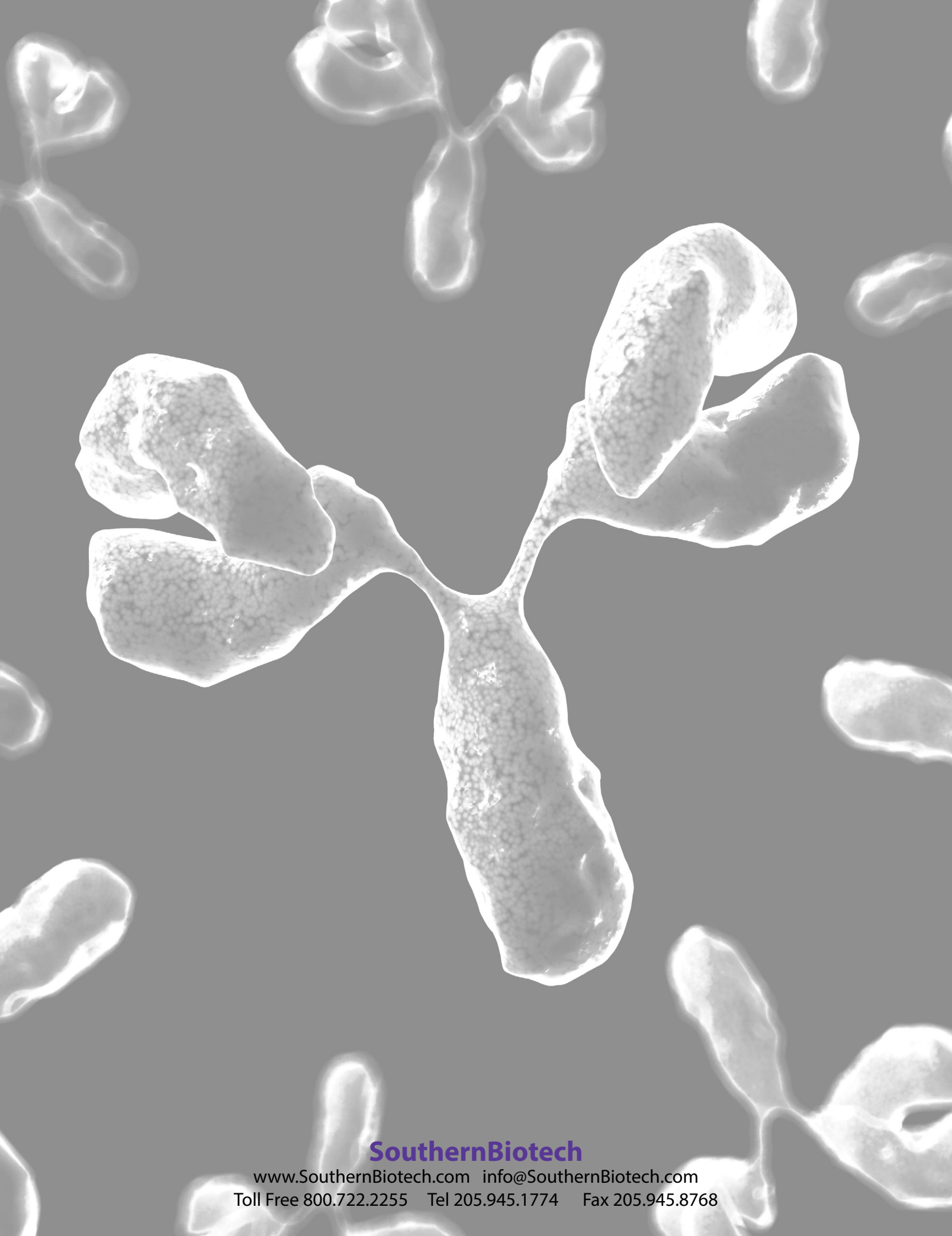


# SouthernBiotech

Southern Biotechnology Associates, Inc.





**SouthernBiotech**

[www.SouthernBiotech.com](http://www.SouthernBiotech.com) [info@SouthernBiotech.com](mailto:info@SouthernBiotech.com)  
Toll Free 800.722.2255 Tel 205.945.1774 Fax 205.945.8768

# Statement of Appreciation and Commitment to Quality



January 1, 2017

Dear Friends and Colleagues,

Founded in 1982, by Bill Gathings and a group of scientists from Max Cooper's lab at the University of Alabama in Birmingham (UAB), SouthernBiotech is dedicated to the development, production, purification, conjugation, and commercialization of the world's highest quality antibodies for research use.

As we enter our 35<sup>th</sup> year, we are pleased to present our 2016 catalog which includes over 200 new products as well as a newly designed website and updated technical information. Continuing our commitment to producing and providing the highest quality reagents for your research use, our products are manufactured in ISO 9001:2008 certified facilities.

As one of the world's oldest antibody companies, many of our customers began using our reagents as students; and now, they continue to do so as heads of major academic, pharmaceutical, biotechnology, and governmental research labs located in all 50 states, Canada, Central and South America, Europe, Africa, Asia, and other Pacific Rim countries.

We value our relationship with those of you we have had the privilege to serve in the past, and we look forward to continuing these friendships while seeking to establish new relationships with those of you we have not yet had the opportunity to meet. Please allow us to demonstrate our commitment to providing you high quality reagents along with personal, prompt, and courteous service. Each and every day, we realize that we owe our success to all of you, our many friends and customers around the globe.

If you have questions, comments, or recommendations for new products or services, please contact us at any time.

We look forward to hearing from you.

Very truly yours,

A handwritten signature in black ink, appearing to read "C. Lichtman".

Charles S. Lichtman, J.D., M.B.A.  
Chief Executive Officer  
charles@southernbiotech.com  
Mobile - 205.531.2191

A handwritten signature in black ink, appearing to read "Elizabeth Robinson".

Elizabeth Robinson  
Vice President & General Manager  
erobinson@southernbiotech.com  
Mobile - 205.616.9816

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**SouthernBiotech**

# Ordering Information

## Email Orders

orders@southernbiotech.com

## Ecommerce Orders

www.southernbiotech.com

## Telephone Orders

Customer Service is available Monday through Friday, 7am to 7pm (CST)

US and Canada Toll Free - 800.722.2255

Other areas call - 205.945.1774

## Fax Orders

Fax - 205.945.8768

## Mail Orders

SouthernBiotech

Attn - Customer Service Department

PO Box 26221

Birmingham, AL 35260

USA

Please provide the following information with your order -

Purchase order number or credit card number

All credit card orders must include the type of credit card, expiration date, the name as it appears on the card, and a statement authorizing the use of the credit card for this and/or future orders

Billing address

Shipping address

The shipping address must be a street address; PO Box numbers will not be accepted

SouthernBiotech catalog number and product description

Product quantity and product size

Name, telephone number, and email address of the purchasing agent

Name, telephone number, and email address of the end-user

Any special packaging or shipping instructions

We do not require written confirmation of telephone orders; however, if you provide a written confirming order, please ensure that it is marked "Confirming Copy - Do Not Duplicate." We will not issue credit or be responsible for duplicate shipments due to improperly marked confirming orders.

# Shipping Information

Typically, orders are shipped via Federal Express or similar carrier. All shipments are FOB Birmingham, Alabama. Shipping and handling charges are prepaid and added as a separate line item on your invoice. All products should be stored under the conditions defined in the accompanying product technical bulletin upon receipt.

## Title to Goods

Title to products sold hereunder passes to the Buyer and SouthernBiotech's liability as to delivery thereof ceases upon SouthernBiotech's delivery of such products in good condition to the carrier at SouthernBiotech's shipping point, the carrier acting as the Buyer's agent.

## Returned Goods Authorization Policy

All claims for product damaged during transit must be reported directly to the transportation company and then to SouthernBiotech.

For all other returns, a Return Goods Authorization (RGA) request must be made within five (5) business days following product receipt. Contact our Customer Service Department to obtain the required RGA prior to returning any product.

If your order was placed incorrectly and it is reported to SouthernBiotech within the required five (5) business days, you may obtain a RGA and return the product(s) for a partial credit. To obtain a partial credit, product(s) must be postmarked within five (5) business days of receiving the RGA. Product must be returned in the same or equivalent packaging as originally dispatched by SouthernBiotech. Upon receipt of authorized returned product, a credit will be issued, less a 20% restocking fee and the shipping and handling costs.

All claims are subject to investigation prior to return authorizations, replacements, or credits are issued.

## Limited Warranty

SouthernBiotech only warrants that, at the time of shipment, the products sold are free from defects in material and workmanship and conform to specifications which accompany the product. SouthernBiotech makes no other warranty, expressed or implied, with respect to its products, including any warranty of merchantability or fitness for any particular purpose. Notification of any breach of warranty must be made within thirty (30) days of receipt of material, unless otherwise provided in writing by SouthernBiotech. No claims shall be honored if the customer fails to notify SouthernBiotech within the period specified. The sole and exclusive remedy of the customer for any liability of SouthernBiotech of any kind, including liability based upon warranty (expressed or implied, whether contained herein or elsewhere), strict liability, contract or otherwise, is limited to the refund of the invoice price of the goods. SouthernBiotech shall not in any case be liable for special, incidental, or consequential damages of any kind.

## Buyer's Terms and Conditions

Any terms or conditions of any Buyer's purchase order or other instrument which are in addition to or inconsistent with the terms and conditions set forth herein shall not be binding on SouthernBiotech and shall not apply to this sale. The Buyer shall not assign any interest or right herein without first obtaining the written consent of SouthernBiotech. The validity, performance, and construction of these terms and conditions and of any transaction or sale to which they relate shall be governed by the laws of the State of Alabama.

## Product Use Limitations

SouthernBiotech products are **For Research Use Only. Not for Diagnostic or Therapeutic Use.**

## Trademarks

Fluoromount-G®, Spectral Red®, ApoScreen® and SouthernBiotech® are registered trademarks of Southern Biotechnology Associates, Inc.

Texas Red® is a registered trademark of Molecular Probes, Inc.

Cy® and Sepharose® are registered trademarks of GE Healthcare

Alexa Fluor® is a registered trademark of Life Technologies Corporation

Pacific Blue™ is a trademark of Life Technologies Corporation

Alexa Fluor® fluorescent dyes are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer (a) this product (b) its components or (c) materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the product or its components in manufacturing; (2) use of the product or its components to provide a service, information, or data; (3) use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the product or its components, whether or not such product or its components are resold for use in research. For information on purchasing a license to this product for any other use, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or [outlicensing@lifetech.com](mailto:outlicensing@lifetech.com).

# Payment Terms and Remittance Instructions

## Payment Terms

Our payment terms are Net 30 days from the invoice date. Prices are subject to change without notice. All payments must be made in US dollars (USD).

## Payments by Mail

All checks must be drawn on a bank in the US and payable to "SouthernBiotech" or "Southern Biotechnology Associates, Inc." and mailed to the following address -

SouthernBiotech  
Attn - Accounts Receivable  
PO Box 26221  
Birmingham, AL 35260  
USA

## Payments by Credit Card

SouthernBiotech is pleased to accept payments by MasterCard, VISA, and American Express for domestic and international orders.



As an active member of the research community, you may have developed monoclonal antibodies, recombinant proteins or other reagents that would be of interest to your colleagues. These reagents could represent an unforeseen asset that can lead to an improved level of funding for your research activities. We invite you to contact us at any time when you think you may have developed a technology that would enhance our product line and have broad reception in the research market.

## How to Contact Our Licensing Department

If you would like to discuss a potential partnership, please contact us -

Southern Biotechnology Associates, Inc.

Attn - Licensing Department

PO Box 26221

Birmingham, AL 35260 USA

US and Canada Toll Free - 800.722.2255

Other areas call - 205.945.1774

Fax - 205.945.8768

Email - [licensing@southernbiotech.com](mailto:licensing@southernbiotech.com)

## What is of Interest to SouthernBiotech

SouthernBiotech has special interest in the following areas -

Mouse immunology

Apoptosis-related proteins

Chemokines and chemokine receptors

Signal transduction

Collagen and other ECM proteins

## How Do I Benefit by Licensing My Reagents

By allowing SouthernBiotech to license your reagents, we can relieve you and your staff from the time consuming and costly burden of commercializing your technology. In exchange for transferring these responsibilities to us, you are provided with an additional source of revenue in the form of a royalty based upon a percentage of our sales of the technology that you transfer to us. In addition, we will provide reasonable quantities of your reagent back to you for your internal research needs "free-of-charge." Also, if a cell line is lost, we would be pleased to provide a replacement.

SouthernBiotech has a full-time staff dedicated to customer and technical assistance. We construct a technical database for every licensed product and educate our technical staff on applications for each product; however, there may be instances when additional information is required. In such cases, we will contact you or your designated staff member for assistance.

# How to Use This Catalog

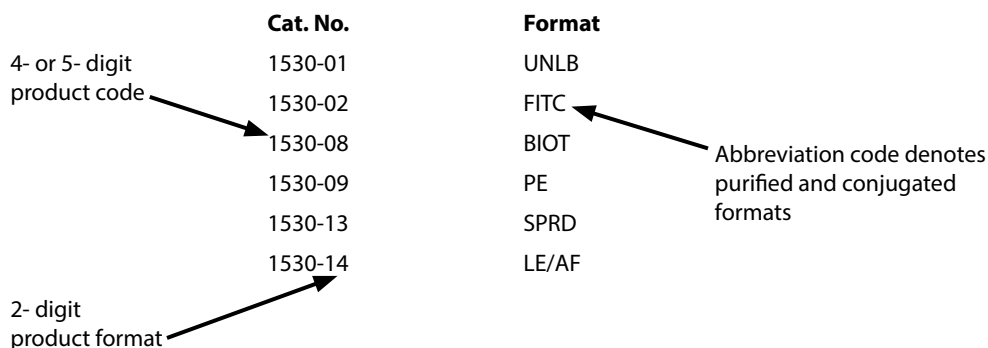
## Product Formats

This catalog is divided into sections according to product group (e.g., Mouse Immunology Antibodies, Polyclonal Antibodies to Immunoglobulins, etc.). Antibodies are listed alphanumerically in each section. For ease in locating a particular antibody or other reagent, we have included a numerical/alphabetical Product Index beginning on page 170.

Each SouthernBiotech product has a 6- or 7-digit catalog number consisting of a unique 4- or 5-digit product number and a 2-digit number for each form of the product (see example below). The 4- or 5-digit product number is the same for all forms of the same specificity. The purified and conjugated forms of each product also have an associated abbreviation code as shown in the following table -

-01 UNLB (Purified, unlabeled antibody)	-16 PE/CY5.5 (R-Phycoerythrin/Cyanine 5.5)
-02 FITC (Fluorescein isothiocyanate)	-17 PE/CY7 (R-Phycoerythrin/Cyanine 7)
-03 TRITC (Tetramethylrhodamine isothiocyanate)	-18 APC/CY5.5 (Allophycocyanin/Cyanine 5.5)
-04 AP (Alkaline phosphatase)	-19 APC/CY7 (Allophycocyanin/Cyanine 7)
-05 HRP (Horseradish peroxidase)	-21 CY2 (Cyanine 2)
-06 BGAL ( $\beta$ -galactosidase)	-22 FLMA (Fluorescein-5-maleimide)
-07 TXRD (Texas Red <sup>®</sup> )	-24 CY3.5 (Cyanine 3.5)
-08 BIOT (Biotin)	-25 SEPH (Sephacrose <sup>®</sup> )
-09 PE (R-Phycoerythrin)	-26 PACBLU (Pacific Blue <sup>™</sup> )
-10 PE/TXRD (R-Phycoerythrin/Texas Red <sup>®</sup> )	-27 AF700 (Alexa Fluor <sup>®</sup> 700)
-11 APC (Allophycocyanin)	-28 BIMA (Biotin-maleimide)
-12 CY3 (Cyanine 3)	-30 AF488 (Alexa Fluor <sup>®</sup> 488)
-13 SPRD (Spectral Red <sup>®</sup> - PE/CY5 tandem conjugate)	-31 AF647 (Alexa Fluor <sup>®</sup> 647)
-14 LE/AF (Low endotoxin/azide-free)	-32 AF555 (Alexa Fluor <sup>®</sup> 555)
-15 CY5 (Cyanine 5)	

## Example



## Product Applications

Many of SouthernBiotech products in this catalog include approved applications based on in-house testing or the product's use reported in the literature for the application. Provided below is a list of applications and their abbreviations as they are listed in this catalog -

<b>Abbreviation</b>	<b>Application</b>
Activ	Activation
Apop	Apoptosis
Adhesion	Cell Adhesion
Block	Blocking
CMCD	Complement Mediated Cell Depletion
Costim	Costimulation
Cyto	Cytotoxicity
ELISA	Enzyme-Linked Immunosorbent Assay
ELISPOT	Enzyme-Linked Immunospot
EM	Electron Microscopy
FC	Flow Cytometry
FLISA	Fluorescence-Linked Immunosorbent Assay
ICC	Immunocytochemistry
IHC	Immunohistochemistry
IHC-FS	Immunohistochemistry-Frozen Sections
IHC-PS	Immunohistochemistry-Paraffin Sections
IHC-WM	Immunohistochemistry-Whole Mount
IP	Immunoprecipitation
Neut	Neutralization
PLA	Proximity Ligation Assay
Purification	Affinity Purification
Sep	Cell Separation
SPR	Surface Plasmon Resonance
Stim	Stimulation
WB	Immunoblotting

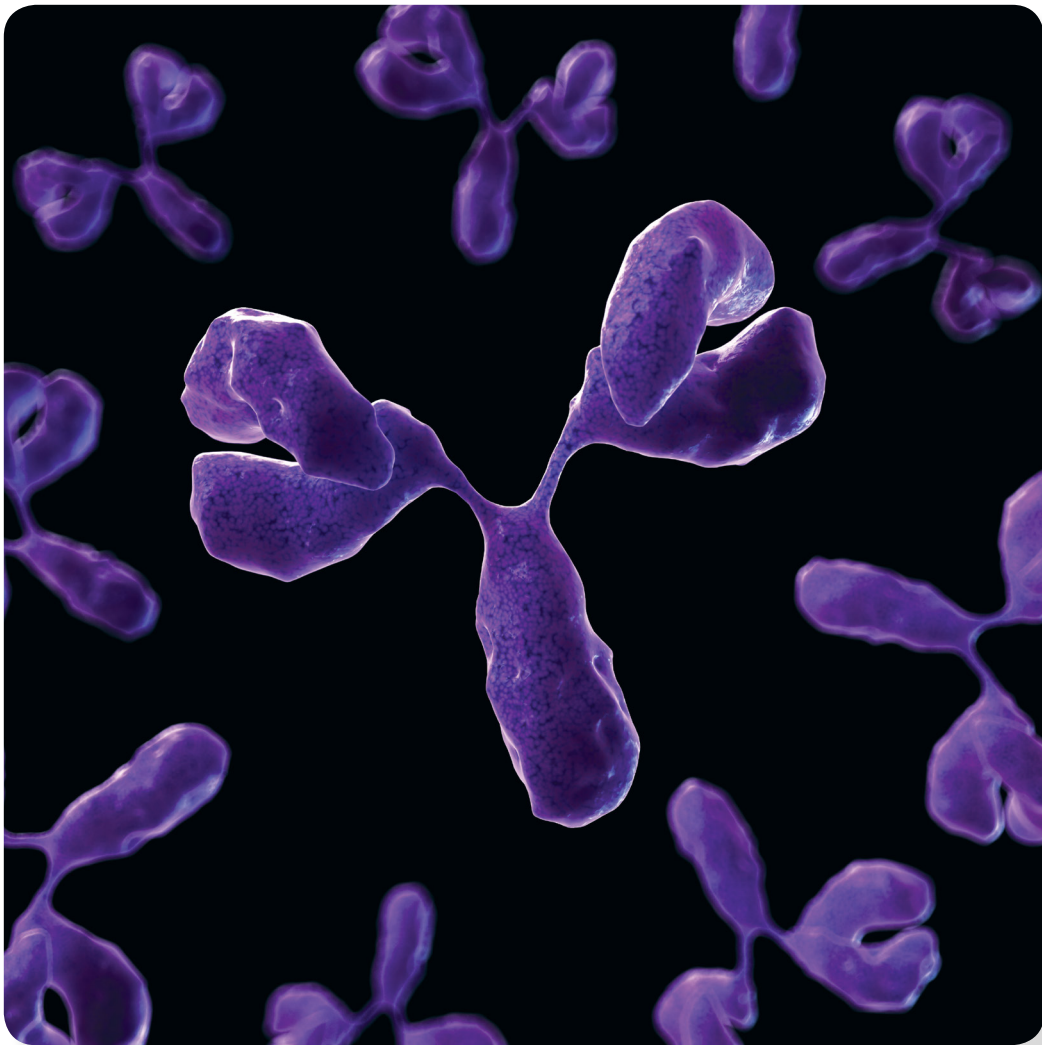
## Other Abbreviations

Ads	Cross adsorption
Ig	Immunoglobulins
NR	Non-Reducing
SP	Serum proteins

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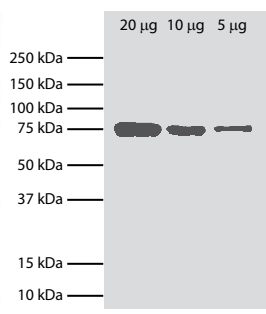
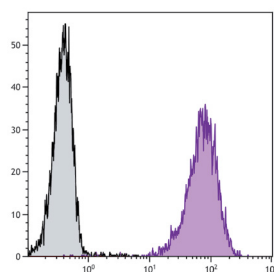
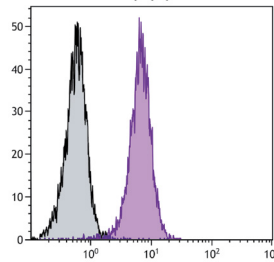
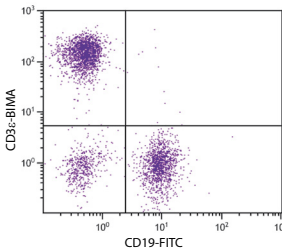
# Mouse Immunology Antibodies

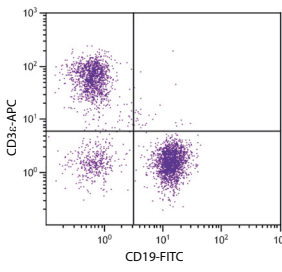
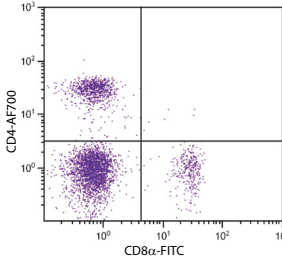


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# Mouse Cell Surface Marker Antibodies

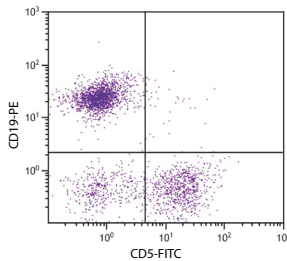
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
BiP	76-E6	Rat IgG <sub>2a</sub> κ	WB, IP, ELISA	1775-01	UNLB	0.5 mg
				1775-08	BIOT	0.5 mg
 <p>Total cell lysates from Ag8.653 cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Rat Anti-Mouse BiP-UNLB (SB Cat. No. 1775-01). Proteins were visualized using Goat Anti-Rat Ig, Mouse ads-HRP (SB Cat. No. 3010-05) secondary antibody and chemiluminescent detection.</p>						
BP-1 (Ly-51)	FG35.4	Rat IgG <sub>1</sub> κ	FC	1770-01	UNLB	0.5 mg
				1770-02	FITC	0.5 mg
				1770-08	BIOT	0.5 mg
				1770-09L	PE	0.2 mg
				1770-09	PE	0.1 mg
 <p>Mouse pre-B cell line 18-81 was stained with Rat Anti-Mouse BP-1-PE (SB Cat. No. 1770-09).</p>						
CD2	12-15	Rat IgG <sub>1</sub> κ	FC, IP, Sep, Block, Purification	1525-01	UNLB	0.5 mg
				1525-02	FITC	0.5 mg
				1525-02S	FITC	0.1 mg
				1525-08	BIOT	0.5 mg
				1525-09L	PE	0.2 mg
				1525-09	PE	0.1 mg
				1525-14	LE/AF	0.5 mg
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD2-FITC (SB Cat. No. 1525-02).</p>						
CD3ε	145-2C11	Hamster IgG <sub>1</sub>	FC, IHC, IP, WB, Block, Depletion, Activ, CMCD	1530-01	UNLB	0.5 mg
				1530-02	FITC	0.5 mg
				1530-02S	FITC	0.1 mg
				1530-09L	PE	0.2 mg
				1530-09	PE	0.1 mg
				1530-11	APC	0.1 mg
				1530-13	SPRD	0.1 mg
				1530-14	LE/AF	0.5 mg
				1530-28	BIMA	0.5 mg
				1530-30	AF488	0.1 mg
1530-31	AF647	0.1 mg				
 <p>BALB/c mouse splenocytes were stained with Hamster Anti-Mouse CD3ε-BIMA (SB Cat. No. 1530-28) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02) followed by Streptavidin-PE (SB Cat. No. 7100-09).</p>						

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size	
CD3ε	500-A2	Hamster IgG <sub>2</sub>	FC, IHC-FS, IP, Activ	 <p>BALB/c mouse splenocytes were stained with Hamster Anti-Mouse CD3ε-APC (SB Cat. No. 1531-11) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).</p>	1531-01	UNLB	0.5 mg
					1531-02	FITC	0.5 mg
					1531-08	BIOT	0.5 mg
					1531-09	PE	0.1 mg
					1531-11	APC	0.1 mg
					1531-13	SPRD	0.1 mg
					1531-14	LE/AF	0.5 mg
					1531-15	CY5	0.1 mg
					1531-18	APC/CY5.5	0.1 mg
					CD3ε	C363.29B	Rat IgG <sub>2b</sub> κ
1535-02	FITC	0.5 mg					
1535-02S	FITC	0.1 mg					
1535-08	BIOT	0.5 mg					
1535-09L	PE	0.2 mg					
1535-09	PE	0.1 mg					
1535-11	APC	0.1 mg					
1535-13	SPRD	0.1 mg					
1535-14	LE/AF	0.5 mg					
1535-15	CY5	0.1 mg					
CD4	GK1.5	Rat IgG <sub>2b</sub> κ	FC, IHC-FS, ICC, IP, Depletion, Sep, Block	 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD4-AF700 (SB Cat. No. 1540-27) and Rat Anti-Mouse CD8α-FITC (SB Cat. No. 1550-02).</p>	1540-01	UNLB	0.5 mg
					1540-02	FITC	0.5 mg
					1540-02S	FITC	0.1 mg
					1540-08	BIOT	0.5 mg
					1540-09L	PE	0.2 mg
					1540-09	PE	0.1 mg
					1540-10	PE/TXRD	0.1 mg
					1540-11	APC	0.1 mg
					1540-13	SPRD	0.1 mg
					1540-14	LE/AF	0.5 mg
					1540-15	CY5	0.1 mg
					1540-16	PE/CY5.5	0.1 mg
					1540-17	PE/CY7	0.1 mg
					1540-18	APC/CY5.5	0.1 mg
					1540-19	APC/CY7	0.1 mg
1540-26	PACBLU	0.1 mg					
1540-27	AF700	0.1 mg					
1540-30	AF488	0.1 mg					
1540-31	AF647	0.1 mg					

# Mouse Cell Surface Marker Antibodies

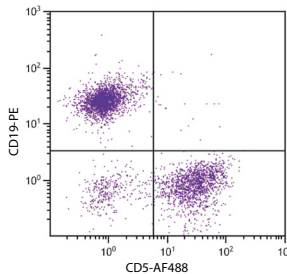
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD5	B19.1	Rat IgG <sub>2a</sub> κ	FC, IP, WB	1545-01	UNLB	0.5 mg
				1545-02	FITC	0.5 mg
				1545-02S	FITC	0.1 mg
				1545-08	BIOT	0.5 mg
				1545-09L	PE	0.2 mg
				1545-09	PE	0.1 mg
				1545-11	APC	0.1 mg
				1545-13	SPRD	0.1 mg

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD5	4H8E6	Rat IgG <sub>2a</sub> κ	FC	1546-01	UNLB	0.5 mg
				1546-02	FITC	0.5 mg
				1546-02S	FITC	0.1 mg
				1546-08	BIOT	0.5 mg
				1546-09L	PE	0.2 mg
				1546-09	PE	0.1 mg
				1546-11	APC	0.1 mg
				1546-13	SPRD	0.1 mg

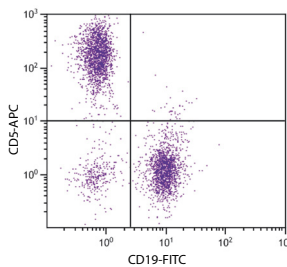


BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD5-FITC (SB Cat. No. 1546-02) and Rat Anti-Mouse CD19-PE (SB Cat. No. 1575-09).

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD5	53-7.3	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IP, ELISA, Cyto, Block	1547-01	UNLB	0.5 mg
				1547-02	FITC	0.5 mg
				1547-08	BIOT	0.5 mg
				1547-09	PE	0.1 mg
				1547-11	APC	0.1 mg
				1547-30	AF488	0.1 mg
				1547-31	AF647	0.1 mg



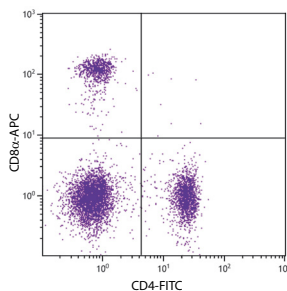
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD5-AF488 (SB Cat. No. 1547-30) and Rat Anti-Mouse CD19-PE (SB Cat. No. 1575-09).



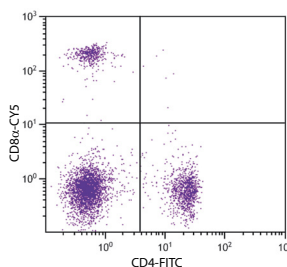
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD5-APC (SB Cat. No. 1547-11) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).



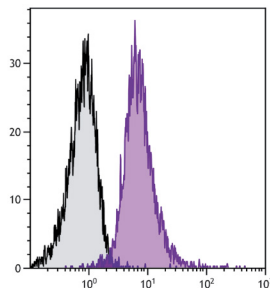
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
CD8 $\alpha$ (Ly-2)	53-6.7	Rat IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, ICC, IP, Depletion, Block	1550-01	UNLB	0.5 mg				
				1550-02	FITC	0.5 mg				
				1550-02S	FITC	0.1 mg				
				1550-08	BIOT	0.5 mg				
				1550-09L	PE	0.2 mg				
				1550-09	PE	0.1 mg				
				1550-10	PE/TXRD	0.1 mg				
				1550-11	APC	0.1 mg				
				1550-13	SPRD	0.1 mg				
				1550-14	LE/AF	0.5 mg				
				1550-15	CY5	0.1 mg				
				1550-16	PE/CY5.5	0.1 mg				
				1550-17	PE/CY7	0.1 mg				
				1550-18	APC/CY5.5	0.1 mg				
				1550-19	APC/CY7	0.1 mg				
				1550-26	PACBLU	0.1 mg				
				1550-27	AF700	0.1 mg				
				1550-30	AF488	0.1 mg				
				1550-31	AF647	0.1 mg				
CD11a (Integrin $\alpha_L$ )	I21/7	Rat IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, ICC, IP, Block	1555-01	UNLB	0.5 mg				
				1555-02	FITC	0.5 mg				
				1555-08	BIOT	0.5 mg				
				1555-09L	PE	0.2 mg				
				1555-09	PE	0.1 mg				
				1555-14	LE/AF	0.5 mg				
				1555-17	PE/CY7	0.1 mg				
				CD11b (Integrin $\alpha_M$ )	3A33	Rat IgG <sub>2a</sub> $\kappa$	FC, ICC, IP, Block	1560-01	UNLB	0.5 mg
								1560-02	FITC	0.5 mg
								1560-02S	FITC	0.1 mg
1560-08	BIOT	0.5 mg								
1560-09L	PE	0.2 mg								
1560-09	PE	0.1 mg								
1560-11	APC	0.1 mg								
1560-13	SPRD	0.1 mg								
1560-14	LE/AF	0.5 mg								
1560-15	CY5	0.1 mg								
1560-17	PE/CY7	0.1 mg								
1560-19	APC/CY7	0.1 mg								
1560-27	AF700	0.1 mg								
1560-30	AF488	0.1 mg								



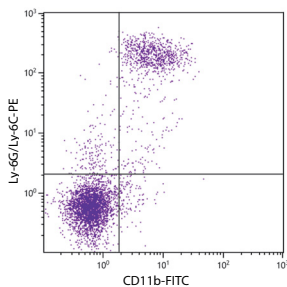
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD8 $\alpha$ -APC (SB Cat. No. 1550-11) and Rat Anti-Mouse CD4-FITC (SB Cat. No. 1540-02).



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD8 $\alpha$ -CY5 (SB Cat. No. 1550-15) and Rat Anti-Mouse CD4-FITC (SB Cat. No. 1540-02).



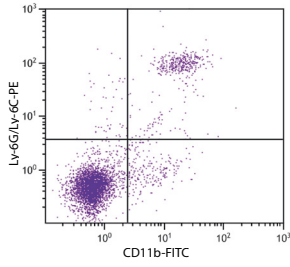
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD11a-PE/CY7 (SB Cat. No. 1555-17).



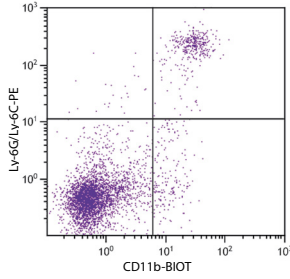
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD11b-FITC (SB Cat. No. 1560-02) and Rat Anti-Mouse Ly-6G/Ly-6C-PE (SB Cat. No. 1900-09).

# Mouse Cell Surface Marker Antibodies

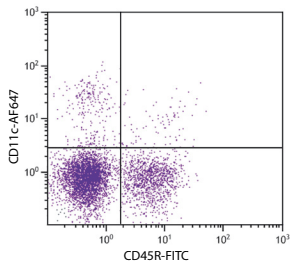
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
CD11b (Integrin $\alpha_M$ )	M1/70	Rat IgG <sub>2b</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP, Block	1561-01	UNLB	0.5 mg				
				1561-02	FITC	0.5 mg				
				1561-02S	FITC	0.1 mg				
				1561-08	BIOT	0.5 mg				
				1561-09L	PE	0.2 mg				
				1561-09	PE	0.1 mg				
				1561-11	APC	0.1 mg				
				1561-13	SPRD	0.1 mg				
				1561-14	LE/AF	0.5 mg				
				1561-15	CY5	0.1 mg				
				1561-17	PE/CY7	0.1 mg				
				1561-19	APC/CY7	0.1 mg				
				1561-26	PACBLU	0.1 mg				
				1561-27	AF700	0.1 mg				
1561-30	AF488	0.1 mg								
1561-31	AF647	0.1 mg								
CD11c (Integrin $\alpha_X$ )	N418	Hamster IgG <sub>2</sub>	FC, IHC-FS, EM, IP	1565-01	UNLB	0.5 mg				
				1565-02	FITC	0.5 mg				
				1565-09	PE	0.1 mg				
				1565-11	APC	0.1 mg				
				1565-26	PACBLU	0.1 mg				
				1565-27	AF700	0.1 mg				
				1565-30	AF488	0.1 mg				
				1565-31	AF647	0.1 mg				
				CD16/32 (FcγIII/II receptor)	93	Rat IgG <sub>2a</sub> λ	FC, IHC-FS, IP, Block	1630-01	UNLB	0.5 mg
								1630-02	FITC	0.5 mg
								1630-08	BIOT	0.5 mg
								1630-09L	PE	0.2 mg
								1630-09	PE	0.1 mg
								1630-11	APC	0.1 mg
1630-13	SPRD	0.1 mg								
1630-14	LE/AF	0.5 mg								
1630-16	PE/CY5.5	0.1 mg								
1630-17	PE/CY7	0.1 mg								



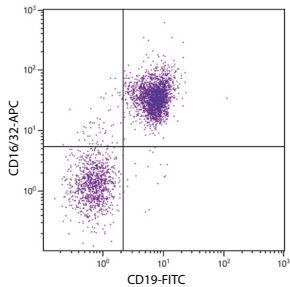
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD11b-FITC (SB Cat. No. 1561-02) and Rat Anti-Mouse Ly-6G/Ly-6C-PE (SB Cat. No. 1900-09).



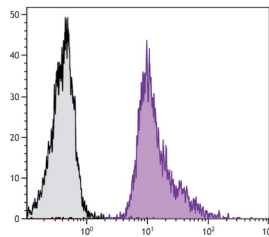
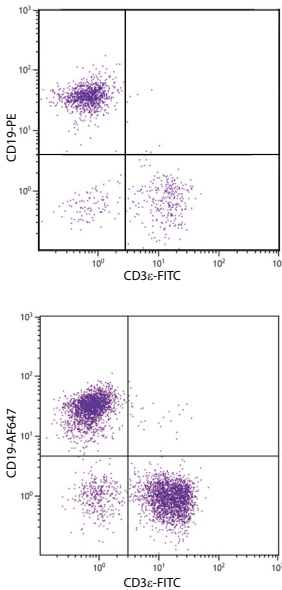
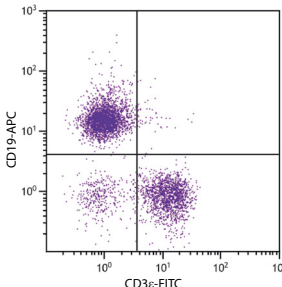
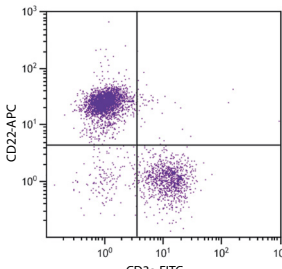
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD11b-BIOT (SB Cat. No. 1561-08) and Rat Anti-Mouse Ly-6G/Ly-6C-PE (SB Cat. No. 1900-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).



C57BL/6 mouse splenocytes were stained with Rat Anti-Mouse CD11c-AF647 (SB Cat. No. 1565-31) and Rat Anti-Mouse CD45R-FITC (SB Cat. No. 1665-02).

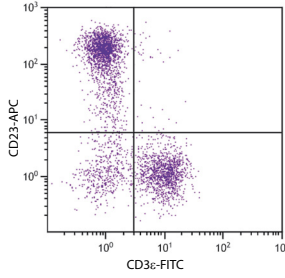


BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD16/32-APC (SB Cat. No. 1630-11) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).

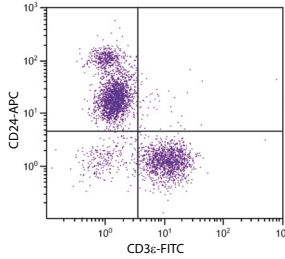
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD18 (Integrin $\beta_2$ )	C71/16	Rat IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, IHC-PS, ICC, IP, WB, ELISA	1570-01	UNLB	0.5 mg
				1570-02	FITC	0.5 mg
				1570-08	BIOT	0.5 mg
				1570-09	PE	0.1 mg
				1570-14	LE/AF	0.5 mg
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD18-BIOT (SB Cat. No. 1570-08) followed by Streptavidin-FITC (SB Cat. No. (7100-02)).</p>						
CD19	6D5	Rat IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, IP, Sep	1575-01	UNLB	0.5 mg
				1575-02	FITC	0.5 mg
				1575-02S	FITC	0.1 mg
				1575-08	BIOT	0.5 mg
				1575-09L	PE	0.2 mg
				1575-09	PE	0.1 mg
				1575-11	APC	0.1 mg
				1575-13	SPRD	0.1 mg
				1575-14	LE/AF	0.5 mg
				1575-15	CY5	0.1 mg
				1575-16	PE/CY5.5	0.1 mg
				1575-17	PE/CY7	0.1 mg
				1575-26	PACBLU	0.1 mg
				1575-27	AF700	0.1 mg
1575-30	AF488	0.1 mg				
1575-31	AF647	0.1 mg				
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD19-PE (SB Cat. No. 1575-09) and Rat Anti-Mouse CD3<math>\epsilon</math>-FITC (SB Cat. No. 1535-02).</p> <p>C57BL/6 mouse splenocytes were stained with Rat Anti-Mouse CD19-AF647 (SB Cat. No. 1575-31) and Rat Anti-Mouse CD3<math>\epsilon</math>-FITC (SB Cat. No. 1535-02).</p>						
CD19	MB19-1	Mouse IgA $\kappa$	FC, IP, Activ	1576-01	UNLB	0.5 mg
				1576-02	FITC	0.5 mg
				1576-08	BIOT	0.5 mg
				1576-09	PE	0.1 mg
				1576-11	APC	0.1 mg
				1576-13	SPRD	0.1 mg
				1576-16	PE/CY5.5	0.1 mg
				1576-18	APC/CY5.5	0.1 mg
				1576-19	APC/CY7	0.1 mg
 <p>BALB/c mouse splenocytes were stained with Mouse Anti-Mouse CD19-APC (SB Cat. No. 1576-11) and Rat Anti-Mouse CD3<math>\epsilon</math>-FITC (SB Cat. No. 1535-02).</p>						
CD22	2D6 (NIM-R6)	Rat IgG <sub>1</sub> $\kappa$	FC, IHC-FS, IHC-PS, ICC, IP, Activ	1580-01	UNLB	0.5 mg
				1580-02	FITC	0.5 mg
				1580-08	BIOT	0.5 mg
				1580-09	PE	0.1 mg
				1580-11	APC	0.1 mg
				1580-13	SPRD	0.1 mg
				1580-14	LE/AF	0.5 mg
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD22-APC (SB Cat. No. 1580-11) and Rat Anti-Mouse CD3<math>\epsilon</math>-FITC (SB Cat. No. 1535-02).</p>						

# Mouse Cell Surface Marker Antibodies

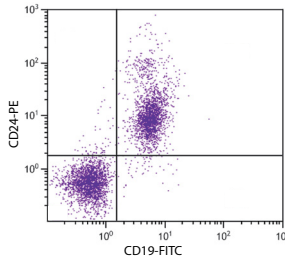
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD23 (FcεRII)	2G8	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, ELISA	1585-01	UNLB	0.5 mg
				1585-02	FITC	0.5 mg
				1585-08	BIOT	0.5 mg
				1585-09L	PE	0.2 mg
				1585-09	PE	0.1 mg
				1585-11	APC	0.1 mg
				1585-14	LE/AF	0.5 mg
1585-17	PE/CY7	0.1 mg				
CD24 (HSA)	91	Rat IgG <sub>2a</sub> κ	FC, IHC-FS	1590-01	UNLB	0.5 mg
				1590-02	FITC	0.5 mg
				1590-08	BIOT	0.5 mg
				1590-09	PE	0.1 mg
				1590-11	APC	0.1 mg
				1590-13	SPRD	0.1 mg
				1590-14	LE/AF	0.5 mg
CD24 (HSA)	30-F1	Rat IgG <sub>2c</sub> κ	FC	1815-01	UNLB	0.5 mg
				1815-02	FITC	0.5 mg
				1815-02S	FITC	0.1 mg
				1815-08	BIOT	0.5 mg
				1815-09L	PE	0.2 mg
				1815-09	PE	0.1 mg
				1815-11	APC	0.1 mg
1815-13	SPRD	0.1 mg				
1815-14	LE/AF	0.5 mg				
CD25 (IL-2Rα)	7D4	Rat IgMκ	FC, IHC-FS, IP, Neut, Block, Depletion, CMCD	1595-01	UNLB	0.5 mg
				1595-02	FITC	0.5 mg
				1595-02S	FITC	0.1 mg
				1595-08	BIOT	0.5 mg
				1595-09L	PE	0.2 mg
				1595-09	PE	0.1 mg
				1595-11	APC	0.1 mg
1595-13	SPRD	0.1 mg				
1595-14	LE/AF	0.5 mg				
1595-17	PE/CY7	0.1 mg				



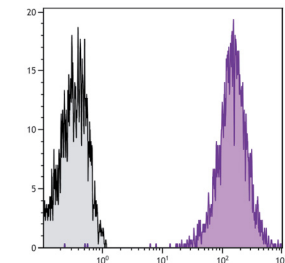
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD23-APC (SB Cat. No. 1585-11) and Rat Anti-Mouse CD3ε-FITC (SB Cat. No. 1535-02).



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD24-APC (SB Cat. No. 1590-11) and Rat Anti-Mouse CD3ε-FITC (SB Cat. No. 1535-02).

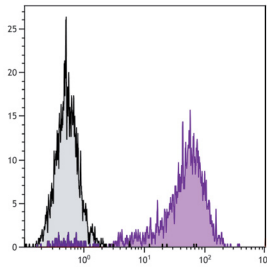


BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD24-PE (SB Cat. No. 1815-09) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).

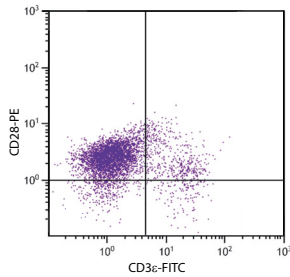


C57BL/6 mouse cytotoxic T lymphocyte cell line CTLL-2 was stained with Rat Anti-Mouse CD25-PE/CY7 (SB Cat. No. 1595-17).

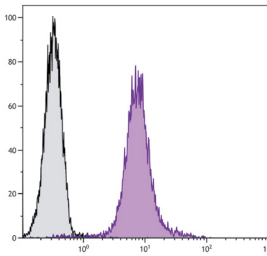
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
CD25 (IL-2R $\alpha$ )	3C7	Rat IgG <sub>2b</sub> K	FC, IHC-FS, IP, Block, Neut	1600-01	UNLB	0.5 mg				
				1600-02	FITC	0.5 mg				
				1600-08	BIOT	0.5 mg				
				1600-09L	PE	0.2 mg				
				1600-09	PE	0.1 mg				
				1600-11	APC	0.1 mg				
				1600-13	SPRD	0.1 mg				
				1600-14	LE/AF	0.5 mg				
				1600-17	PE/CY7	0.1 mg				
				1600-27	AF700	0.1 mg				
CD28	37.51	Hamster IgG <sub>2</sub>	FC, IP, Stim, Costim, Activ, Block	1610-01	UNLB	0.5 mg				
				1610-02	FITC	0.5 mg				
				1610-08	BIOT	0.5 mg				
				1610-09L	PE	0.2 mg				
				1610-09	PE	0.1 mg				
				1610-11	APC	0.1 mg				
				1610-13	SPRD	0.1 mg				
				1610-14	LE/AF	0.5 mg				
				CD28	PV-1	Hamster IgG <sub>2</sub>	FC, IP, Stim, Costim	1615-01	UNLB	0.5 mg
								1615-02	FITC	0.5 mg
1615-08	BIOT	0.5 mg								
1615-09L	PE	0.2 mg								
1615-09	PE	0.1 mg								
1615-11	APC	0.1 mg								
1615-13	SPRD	0.1 mg								
1615-14	LE/AF	0.5 mg								
CD30	mCD30.1 (2SH12-5F)	Hamster IgG <sub>1</sub>	FC, Stim, Costim, Block					1620-01	UNLB	0.5 mg
								1620-02	FITC	0.5 mg
				1620-08	BIOT	0.5 mg				
				1620-09L	PE	0.2 mg				
				1620-09	PE	0.1 mg				
				1620-14	LE/AF	0.5 mg				



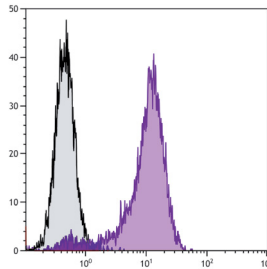
C57BL/6 mouse cytotoxic T lymphocyte cell line CTLL-2 was stained with Rat Anti-Mouse CD25-PE (SB Cat. No. 1600-09).



BALB/c mouse thymocytes were stained with Hamster Anti-Mouse CD28-PE (SB Cat. No. 1610-09) and Rat Anti-Mouse CD3ε-FITC (SB Cat. No. 1535-02).



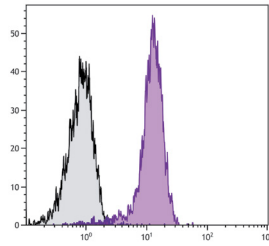
C57BL/6N T lymphocyte cell line EL-4 was stained with Hamster Anti-Mouse CD28-PE (SB Cat. No. 1615-09).



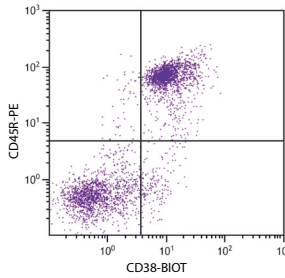
NIH/Swiss mouse fibroblast cell line 3T3 and mCD30-Ig transfected 3T3 cells were stained with Hamster Anti-Mouse CD30-PE (SB Cat. No. 1620-09).

# Mouse Cell Surface Marker Antibodies

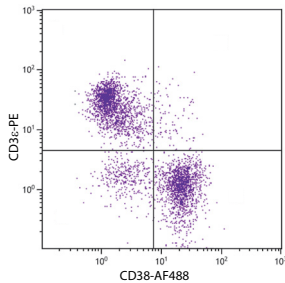
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
CD31 (PECAM-1)	390	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, ICC, IP, Block	1625-01	UNLB	0.5 mg				
				1625-02	FITC	0.5 mg				
				1625-08	BIOT	0.5 mg				
				1625-09L	PE	0.2 mg				
				1625-09	PE	0.1 mg				
				1625-11	APC	0.1 mg				
				1625-14	LE/AF	0.5 mg				
				1625-17	PE/CY7	0.1 mg				
				1625-26	PACBLU	0.1 mg				
				1625-30	AF488	0.1 mg				
				1625-31	AF647	0.1 mg				
				CD38	NIMR-5	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IP, Activ, Stim, Block	1635-01	UNLB	0.5 mg
1635-02	FITC	0.5 mg								
1635-08	BIOT	0.5 mg								
1635-09L	PE	0.2 mg								
1635-09	PE	0.1 mg								
1635-11	APC	0.1 mg								
1635-13	SPRD	0.1 mg								
1635-14	LE/AF	0.5 mg								
CD38	90	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IP, Stim	1640-01	UNLB	0.5 mg				
				1640-02	FITC	0.5 mg				
				1640-08	BIOT	0.5 mg				
				1640-09L	PE	0.2 mg				
				1640-09	PE	0.1 mg				
				1640-11	APC	0.1 mg				
				1640-13	SPRD	0.1 mg				
				1640-14	LE/AF	0.5 mg				
				1640-26	PACBLU	0.1 mg				
				1640-30	AF488	0.1 mg				
				1640-31	AF647	0.1 mg				
				CD40	1C10	Rat IgG <sub>2a</sub> κ	FC, IP, Activ, Block	1645-01	UNLB	0.5 mg
								1645-02	FITC	0.5 mg
1645-08	BIOT	0.5 mg								
1645-09L	PE	0.2 mg								
1645-09	PE	0.1 mg								
1645-11	APC	0.1 mg								
1645-13	SPRD	0.1 mg								
1645-14	LE/AF	0.5 mg								



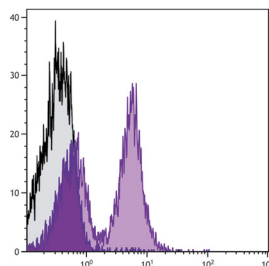
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD31-APC (SB Cat. No. 1625-11).



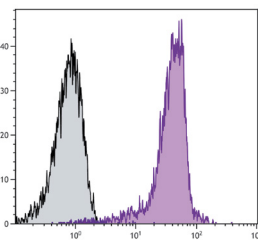
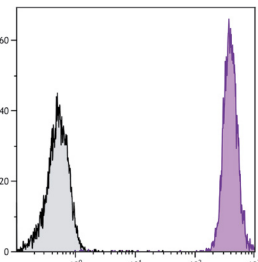
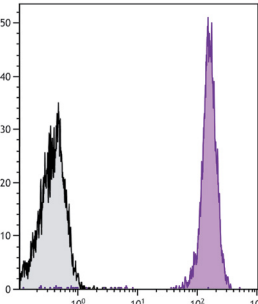
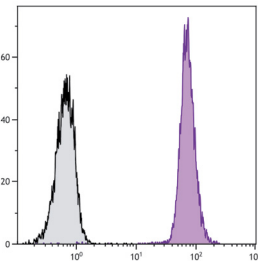
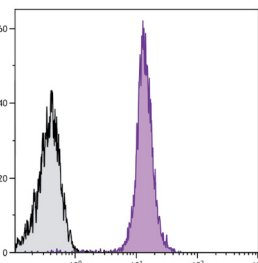
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD38-BIOT (SB Cat. No. 1635-08) and Rat Anti-Mouse CD45R-PE (SB Cat. No. 1665-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD38-AF488 (SB Cat. No. 1640-30) and Rat Anti-Mouse CD3ε-PE (SB Cat. No. 1535-09).

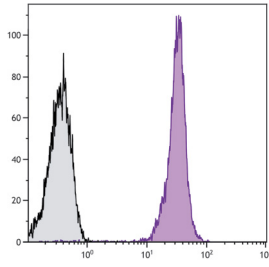


BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD40-SPRD (SB Cat. No. 1645-13).

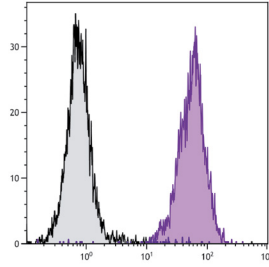
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
CD44	KM201	Rat IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP, WB, Block, Adhesion	1500-01	UNLB	0.5 mg				
				1500-02	FITC	0.5 mg				
				1500-08	BIOT	0.5 mg				
				1500-09L	PE	0.2 mg				
				1500-09	PE	0.1 mg				
				1500-11	APC	0.1 mg				
				1500-13	SPRD	0.1 mg				
				1500-14	LE/AF	0.5 mg				
				 <p>C57BL/6 mouse bone marrow cells were stained with Rat Anti-Mouse CD44-APC (SB Cat. No. 1500-11).</p>						
				CD45 (Ly-5, LCA)	I3/2.3	Rat IgG <sub>2b</sub> λ	FC, IHC-FS, IP	1660-01	UNLB	0.5 mg
								1660-02	FITC	0.5 mg
								1660-02S	FITC	0.1 mg
								1660-08	BIOT	0.5 mg
								1660-09	PE	0.1 mg
1660-10	PE/TXRD	0.1 mg								
1660-11	APC	0.1 mg								
1660-13	SPRD	0.1 mg								
1660-14	LE/AF	0.5 mg								
1660-16	PE/CY5.5	0.1 mg								
1660-17	PE/CY7	0.1 mg								
1660-19	APC/CY7	0.1 mg								
1660-26	PACBLU	0.1 mg								
1660-27	AF700	0.1 mg								
1660-30	AF488	0.1 mg								
1660-31	AF647	0.1 mg								
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45-PE/TXRD (SB Cat. No. 1660-10).</p>										
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45-APC/CY7 (SB Cat. No. 1660-19).</p>										
CD45.1 (Ly-5.1)	A20	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, IHC-PS	1795-01	UNLB	0.5 mg				
				1795-02	FITC	0.5 mg				
				1795-08	BIOT	0.5 mg				
				1795-09L	PE	0.2 mg				
				1795-09	PE	0.1 mg				
				1795-11	APC	0.1 mg				
				1795-13	SPRD	0.1 mg				
				1795-15	CY5	0.1 mg				
				1795-16	PE/CY5.5	0.1 mg				
				1795-17	PE/CY7	0.1 mg				
				1795-18	APC/CY5.5	0.1 mg				
				1795-19	APC/CY7	0.1 mg				
				1795-26	PACBLU	0.1 mg				
				1795-30	AF488	0.1 mg				
1795-31	AF647	0.1 mg								
 <p>SJL mouse splenocytes were stained with Mouse Anti-Mouse CD45.1-AF488 (SB Cat. No. 1795-30).</p>										
 <p>SJL mouse splenocytes were stained with Mouse Anti-Mouse CD45.1-PACBLU (SB Cat. No. 1795-26).</p>										

# Mouse Cell Surface Marker Antibodies

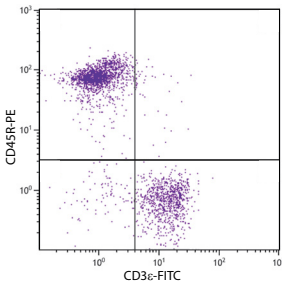
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size	
CD45.2 (Ly-5.2)	104	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS	1800-01	UNLB	0.5 mg	
				1800-02	FITC	0.5 mg	
					1800-08	BIOT	0.5 mg
					1800-09	PE	0.1 mg
					1800-11	APC	0.1 mg
					1800-13	SPRD	0.1 mg
					1800-15	CY5	0.1 mg
					1800-16	PE/CY5.5	0.1 mg
					1800-17	PE/CY7	0.1 mg
					1800-18	APC/CY5.5	0.1 mg
					1800-26	PACBLU	0.1 mg
					1800-27	AF700	0.1 mg
					1800-30	AF488	0.1 mg
					1800-31	AF647	0.1 mg
CD45R (B220)	RA3-6B2	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IHC-PS, IP, WB, Block	1665-01	UNLB	0.5 mg	
				1665-02	FITC	0.5 mg	
					1665-02S	FITC	0.1 mg
					1665-08	BIOT	0.5 mg
					1665-09L	PE	0.2 mg
					1665-09	PE	0.1 mg
					1665-10	PE/TXRD	0.1 mg
					1665-11	APC	0.1 mg
					1665-13	SPRD	0.1 mg
					1665-14	LE/AF	0.5 mg
					1665-15	CY5	0.1 mg
					1665-16	PE/CY5.5	0.1 mg
					1665-17	PE/CY7	0.1 mg
					1665-18	APC/CY5.5	0.1 mg
				1665-19	APC/CY7	0.1 mg	
				1665-26	PACBLU	0.1 mg	
				1665-27	AF700	0.1 mg	
				1665-30	AF488	0.1 mg	
				1665-31	AF647	0.1 mg	



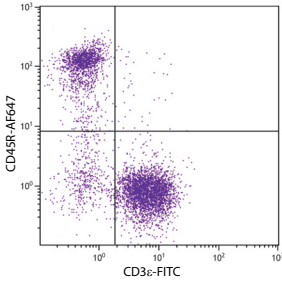
BALB/c mouse splenocytes were stained with Mouse Anti-Mouse CD45.2-PACBLU (SB Cat. No. 1800-26).



C57BL/6 mouse splenocytes were stained with Mouse Anti-Mouse CD45.2-AF488 (SB Cat. No. 1800-30).

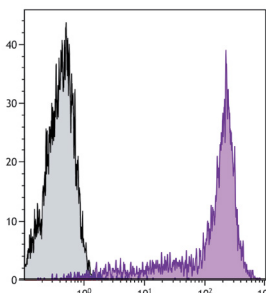
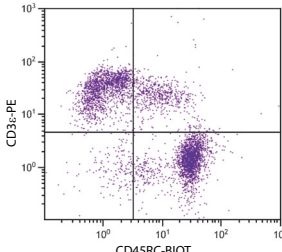
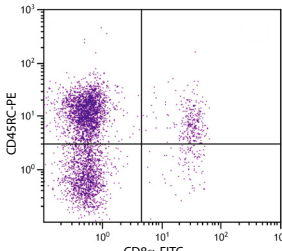
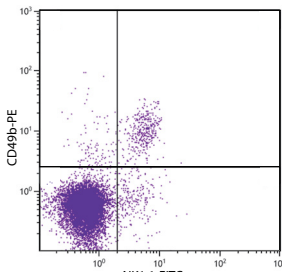


BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45R-PE (SB Cat. No. 1665-09) and Rat Anti-Mouse CD3ε-FITC (SB Cat. No. 1535-02).

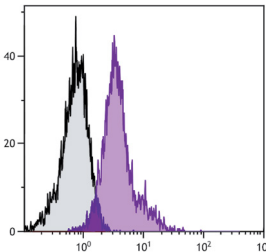
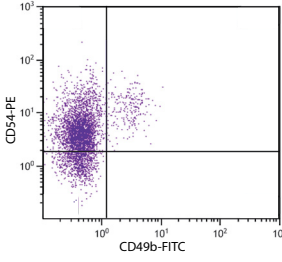
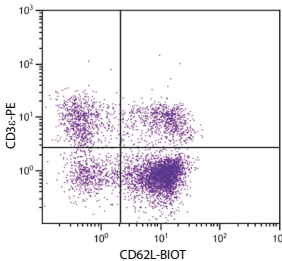


BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45R-AF647 (SB Cat. No. 1665-31) and Rat Anti-Mouse CD3ε-FITC (SB Cat. No. 1535-02).

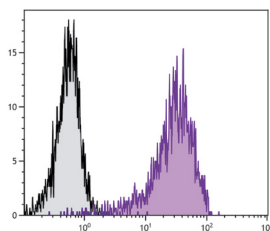


Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD45RB	C363.16A	Rat IgG <sub>2a</sub> κ	FC, Sep	1675-01	UNLB	0.5 mg
				1675-02	FITC	0.5 mg
				1675-02S	FITC	0.1 mg
				1675-08	BIOT	0.5 mg
				1675-09	PE	0.1 mg
				1675-13	SPRD	0.1 mg
				1675-31	AF647	0.1 mg
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45RB-SPRD (SB Cat. No. 1675-13).</p>						
CD45RC	GL24	Rat IgMκ	FC, IP	1685-01	UNLB	0.5 mg
				1685-08	BIOT	0.5 mg
				1685-09	PE	0.1 mg
				1685-22	FLMA	0.5 mg
				1685-22S	FLMA	0.1 mg
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45RC-BIOT (SB Cat. No. 1685-08) and Rat Anti-Mouse CD3ε-PE (SB Cat. No. 1535-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).</p>						
CD45RC	C455.1F	Rat IgG <sub>2a</sub> κ	FC	1820-01	UNLB	0.5 mg
				1820-02	FITC	0.5 mg
				1820-02S	FITC	0.1 mg
				1820-08	BIOT	0.5 mg
				1820-09	PE	0.1 mg
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45RC-PE (SB Cat. No. 1820-09) and Rat Anti-Mouse CD8α-FITC (SB Cat. No. 1550-02).</p>						
CD49b (Integrin α <sub>4</sub> , pan-NK)	DX5	Rat IgMκ	FC, IHC-FS, IHC-PS	1806-01	UNLB	0.5 mg
				1806-02	FITC	0.5 mg
				1806-08	BIOT	0.5 mg
				1806-09L	PE	0.2 mg
				1806-09	PE	0.1 mg
				1806-11	APC	0.1 mg
				1806-14	LE/AF	0.5 mg
				1806-19	APC/CY7	0.1 mg
				1806-30	AF488	0.1 mg
1806-31	AF647	0.1 mg				
 <p>C57BL/6 mouse splenocytes were stained with Rat Anti-Mouse CD49b-PE (SB Cat. No. 1806-09) and Mouse Anti-Mouse NK1.1-FITC (SB Cat. No. 1805-02).</p>						

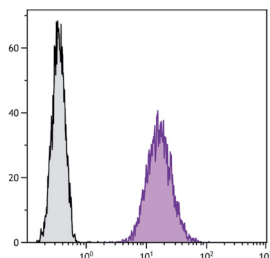
# Mouse Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD49d (Integrin $\alpha_4$ )	PS/2	Rat IgG <sub>2b</sub> $\kappa$	FC, IHC-FS, IP, Adhesion, Block	1520-01	UNLB	0.5 mg
				1520-02	FITC	0.5 mg
				1520-08	BIOT	0.5 mg
				1520-09L	PE	0.2 mg
				1520-09	PE	0.1 mg
				1520-14	LE/AF	0.5 mg
CD49e (Integrin $\alpha_5$ )	5H10.27 (MRF5)	Rat IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, Block, Costim, Adhesion	1695-01	UNLB	0.5 mg
				1695-02	FITC	0.5 mg
				1695-02S	FITC	0.1 mg
				1695-08	BIOT	0.5 mg
				1695-09	PE	0.1 mg
				1695-14	LE/AF	0.5 mg
				1695-30	AF488	0.1 mg
				1695-31	AF647	0.1 mg
				 <p>C57BL/6 mouse bone marrow cells were stained with Rat Anti-Mouse CD49e-AF647 (SB Cat. No. 1695-31).</p>		
CD54 (ICAM-1)	YN1/1.7.4	Rat IgG <sub>2b</sub> $\kappa$	FC, IHC-FS, ICC, IP, WB, Block, Purification	1701-01	UNLB	0.5 mg
				1701-02	FITC	0.5 mg
				1701-08	BIOT	0.5 mg
				1701-09	PE	0.1 mg
				1701-11	APC	0.1 mg
				1701-14	LE/AF	0.5 mg
				1701-26	PACBLU	0.1 mg
				1701-27	AF700	0.1 mg
				1701-30	AF488	0.1 mg
				1701-31	AF647	0.1 mg
				 <p>C57BL/6 mouse splenocytes were stained with Rat Anti-Mouse CD54-PE (SB Cat. No. 1701-09) and Rat Anti-Mouse CD49b-FITC (SB Cat. No. 1806-02).</p>		
CD62L (L-selectin)	MEL-14	Rat IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, IP, Block, Cyto	1705-01	UNLB	0.5 mg
				1705-02	FITC	0.5 mg
				1705-08	BIOT	0.5 mg
				1705-09L	PE	0.2 mg
				1705-09	PE	0.1 mg
				1705-11	APC	0.1 mg
				1705-13	SPRD	0.1 mg
				1705-14	LE/AF	0.5 mg
				1705-17	PE/CY7	0.1 mg
				1705-19	APC/CY7	0.1 mg
				1705-26	PACBLU	0.1 mg
				1705-27	AF700	0.1 mg
1705-30	AF488	0.1 mg				
1705-31	AF647	0.1 mg				
				 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD62L-BIOT (SB Cat. No. 1705-08) and Rat Anti-Mouse CD3<math>\epsilon</math>-PE (SB Cat. No. 1535-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).</p>		

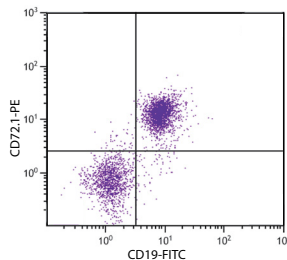
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD69 (VEA)	H1.2F3	Hamster IgG <sub>1</sub>	FC, IHC-FS, IP, Costim, Activ	1715-01	UNLB	0.5 mg
				1715-02	FITC	0.5 mg
				1715-08	BIOT	0.5 mg
				1715-09L	PE	0.2 mg
				1715-09	PE	0.1 mg
				1715-11	APC	0.1 mg
				1715-13	SPRD	0.1 mg
				1715-14	LE/AF	0.5 mg
				1715-17	PE/CY7	0.1 mg
				1715-26	PACBLU	0.1 mg
				1715-30	AF488	0.1 mg
1715-31	AF647	0.1 mg				
CD71 (TfR)	RI7217	Rat IgG <sub>2a</sub> κ	FC, ICC, IP, WB, Sep, Block, Drug Delivery	1720-01	UNLB	0.5 mg
				1720-02	FITC	0.5 mg
				1720-08	BIOT	0.5 mg
				1720-09	PE	0.1 mg
				1720-14	LE/AF	0.5 mg
CD72.1	10.1.D2	Mouse IgG <sub>2b</sub> κ	FC, IP, Activ, Block, Costim	1725-01	UNLB	0.5 mg
				1725-02	FITC	0.5 mg
				1725-08	BIOT	0.5 mg
				1725-09	PE	0.1 mg
				1725-11	APC	0.1 mg
				1725-30	AF488	0.1 mg
				1725-31	AF647	0.1 mg
CD79b (Igβ)	HM79-12	Hamster IgG <sub>1</sub>	FC, IP, WB	1830-01	UNLB	0.5 mg
				1830-02	FITC	0.5 mg
				1830-08	BIOT	0.5 mg
				1830-09	PE	0.1 mg
				1830-14	LE/AF	0.5 mg



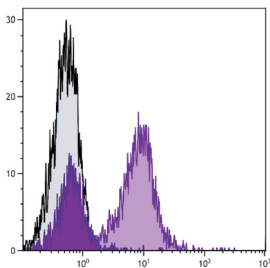
PMA and Ionomycin stimulated BALB/c mouse splenocytes were stained with Hamster Anti-Mouse CD69-PACBLU (SB Cat. No. 1715-26).



Mouse pre-B cell line 18-81 was stained with Rat Anti-Mouse CD71-FITC (SB Cat. No. 1720-02).

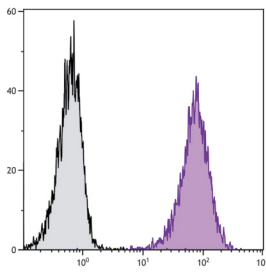
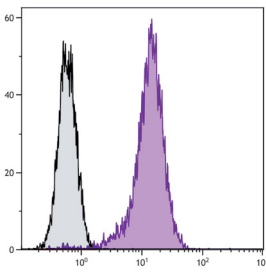
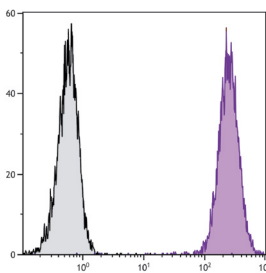
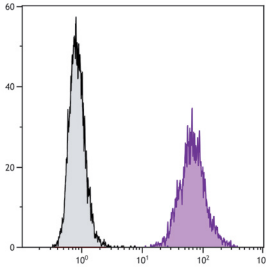


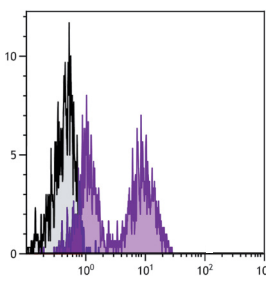
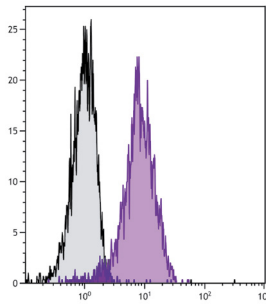
DBA/2 mouse splenocytes were stained with Mouse Anti-Mouse CD72.1-PE (SB Cat. No. 1725-09) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).



C57BL/6 mouse splenocytes were stained with Hamster Anti-Mouse CD79b-PE (SB Cat. No. 1830-09).

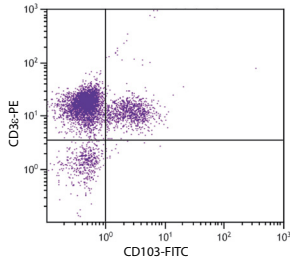
# Mouse Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size			
CD80 (B7-1)	1G10	Rat IgG <sub>2a</sub> κ	FC, IP, Block	1730-01	UNLB	0.5 mg			
				1730-02	FITC	0.5 mg			
				1730-08	BIOT	0.5 mg			
				1730-09L	PE	0.2 mg			
				1730-09	PE	0.1 mg			
				1730-11	APC	0.1 mg			
				1730-13	SPRD	0.1 mg			
				1730-14	LE/AF	0.5 mg			
				 <p>DBA/2 mouse mastocytoma cell line P815 and mB7.1-Ig transfected P815 cells were stained with Rat Anti-Mouse CD80-APC (SB Cat. No. 1730-11).</p>					
				CD81 (TAPA-1)	2F7	Hamster IgG <sub>3</sub>	FC, IHC, ICC, IP, Block, Costim	1825-01	UNLB
1825-02	FITC	0.5 mg							
1825-08	BIOT	0.5 mg							
1825-09	PE	0.1 mg							
1825-11	APC	0.1 mg							
1825-14	LE/AF	0.5 mg							
 <p>Hamster CHO-K1 cell line and BALB/cAnN mouse B lymphocyte cell line A20 were stained with Hamster Anti-Mouse CD81-PE (SB Cat. No. 1825-09).</p>									
CD86 (B7-2)	GL1	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IP, Block	1735-01	UNLB	0.5 mg			
				1735-02	FITC	0.5 mg			
				1735-08	BIOT	0.5 mg			
				1735-09L	PE	0.2 mg			
				1735-09	PE	0.1 mg			
				1735-11	APC	0.1 mg			
				1735-13	SPRD	0.1 mg			
				1735-14	LE/AF	0.5 mg			
				1735-17	PE/CY7	0.1 mg			
				1735-27	AF700	0.1 mg			
				1735-30	AF488	0.1 mg			
1735-31	AF647	0.1 mg							
 <p>DBA/2 mouse mastocytoma cell line P815 and mB7.2-Ig transfected P815 cells were stained with Rat Anti-Mouse CD86-AF700 (SB Cat. No. 1735-27).</p>									
CD86 (B7-2)	2D10	Rat IgG <sub>2b</sub> κ	FC, IHC-FS, IP, Block, Sep, CMCD, ELISA	1915-01	UNLB	0.5 mg			
				1915-02	FITC	0.5 mg			
				1915-08	BIOT	0.5 mg			
				1915-09	PE	0.1 mg			
				1915-11	APC	0.1 mg			
				1915-13	SPRD	0.1 mg			
				1915-14	LE/AF	0.5 mg			
1915-17	PE/CY7	0.1 mg							
 <p>DBA/2 mouse mastocytoma cell line P815 and mB7.2-Ig transfected P815 cells were stained with Rat Anti-Mouse CD86-FITC (SB Cat. No. 1915-02).</p>									

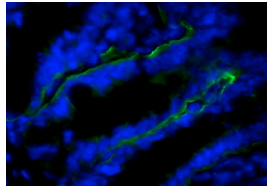
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD90 (Thy-1)	G7	Rat IgG <sub>2c</sub> κ	FC, IHC-PS, IP, Stim, Activ, Apop	1740-01	UNLB	0.5 mg
				1740-02	FITC	0.5 mg
				1740-02S	FITC	0.1 mg
				1740-08	BIOT	0.5 mg
				1740-09	PE	0.1 mg
				1740-11	APC	0.1 mg
				1740-13	SPRD	0.1 mg
1740-14	LE/AF	0.5 mg				
CD90.2 (Thy-1.2)	30-H12	Rat IgG <sub>2b</sub> κ	FC, IHC-FS, ICC, IP, Depletion, Costim, Apop	1750-01	UNLB	0.5 mg
				1750-02	FITC	0.5 mg
				1750-02S	FITC	0.1 mg
				1750-08	BIOT	0.5 mg
				1750-09L	PE	0.2 mg
				1750-09	PE	0.1 mg
				1750-11	APC	0.1 mg
				1750-13	SPRD	0.1 mg
				1750-14	LE/AF	0.5 mg
				1750-26	PACBLU	0.1 mg
				1750-27	AF700	0.1 mg
				1750-30	AF488	0.1 mg
				1750-31	AF647	0.1 mg
				CD94	18d3	Rat IgG <sub>2a</sub> κ
1809-02	FITC	0.5 mg				
1809-08	BIOT	0.5 mg				
1809-09	PE	0.1 mg				
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD94-FITC (SB Cat. No. 1809-02), Mouse Anti-Mouse NK1.1-PE (SB Cat. No. 1805-09), and Rat Anti-Mouse CD3ε-SPRD (SB Cat. No. 1535-13).</p>						
CD102 (ICAM-2)	3C4 (mIC2/4)	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, ICC, IP, Block	1925-01	UNLB	0.5 mg
				1925-02	FITC	0.5 mg
				1925-02S	FITC	0.1 mg
				1925-08	BIOT	0.5 mg
				1925-09	PE	0.1 mg
				1925-14	LE/AF	0.5 mg
				1925-26	PACBLU	0.1 mg
				1925-27	AF700	0.1 mg
				1925-30	AF488	0.1 mg
				1925-31	AF647	0.1 mg
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD102-AF647 (SB Cat. No. 1925-31).</p>						

# Mouse Cell Surface Marker Antibodies

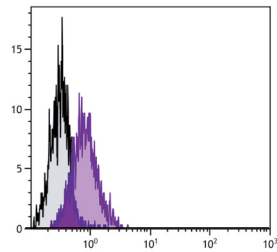
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD103 (Integrin $\alpha E$ )	2E7	Hamster IgG <sub>2</sub>	FC, IHC-FS, IP, Activ	1810-01	UNLB	0.5 mg
				1810-02	FITC	0.5 mg
				1810-08	BIOT	0.5 mg
				1810-09	PE	0.1 mg
				1810-14	LE/AF	0.5 mg
				1810-26	PACBLU	0.1 mg
				1810-30	AF488	0.1 mg
1810-31	AF647	0.1 mg				
CD104 (Integrin $\beta_4$ )	346-11A	Rat IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, ICC, IP, WB	1855-01	UNLB	0.5 mg
				1855-14	LE/AF	0.5 mg
CD105 (Endoglin)	MJ7/18	Rat IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, IP, WB, Sep	1860-01	UNLB	0.5 mg
				1860-26	PACBLU	0.1 mg
CD106 (VCAM-1)	M/K-2	Rat IgG <sub>1</sub> $\kappa$	FC, IHC-FS, IP, WB, Adhesion, Block	1510-01	UNLB	0.5 mg
				1510-02	FITC	0.5 mg
				1510-08	BIOT	0.5 mg
				1510-09	PE	0.1 mg
				1510-14	LE/AF	0.5 mg



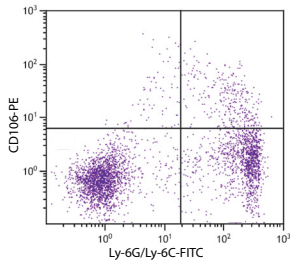
CD-1 mouse mesenteric lymph node cells were stained with Hamster Anti-Mouse CD103-FITC (SB Cat. No. 1810-02) and Rat Anti-Mouse CD3 $\epsilon$ -PE (SB Cat. No. 1535-09).



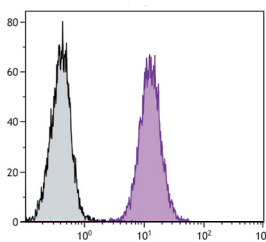
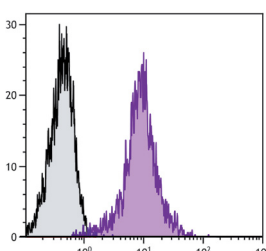
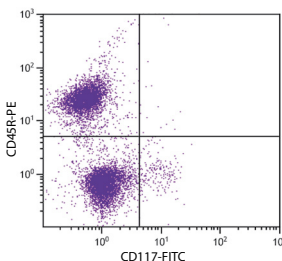
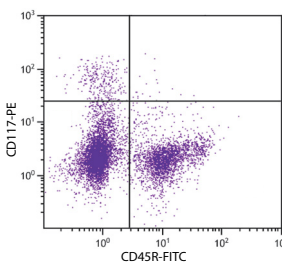
BALB/c mouse frozen intestine was stained with Rat Anti-Mouse CD104-UNLB (SB Cat. No. 1855-01) followed by Goat Anti-Rat IgG(H+L), Mouse ads-BIOT (SB Cat. No. 3050-08), and Streptavidin-FITC (SB Cat. No. 7100-02).



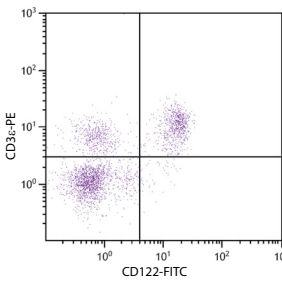
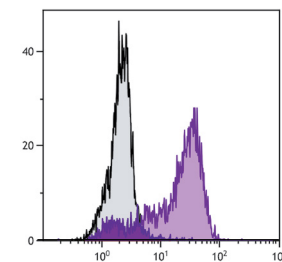
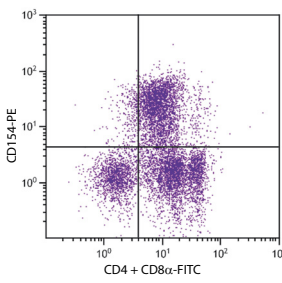
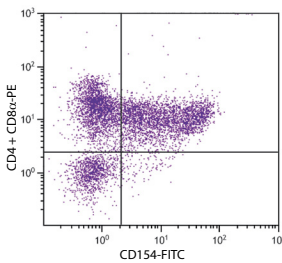
BALB/c mouse endothelioma cell line bEnd.3 was stained with Rat Anti-Mouse CD105-PACBLU (SB Cat. No. 1860-26).



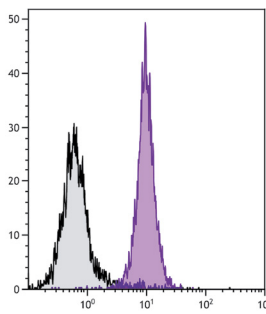
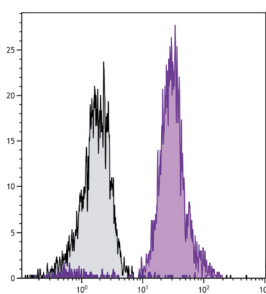
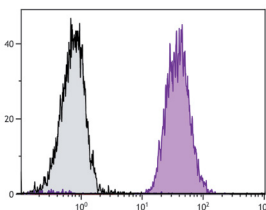
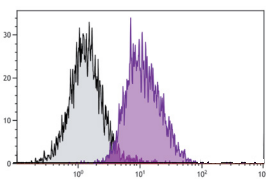
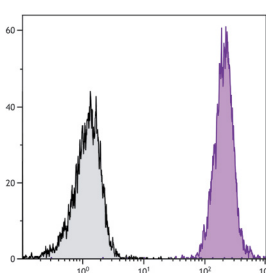
BALB/c mouse bone marrow cells were stained with Rat Anti-Mouse CD106-PE (SB Cat. No. 1510-09) and Rat Anti-Mouse Ly-6G/Ly-6C-FITC (SB Cat. No. 1900-02).

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD107a (LAMP-1)	1D4B	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IHC-PS, ICC, EM, IP, WB, ELISA, Purification	1920-01	UNLB	0.5 mg
				1920-02	FITC	0.5 mg
				1920-11	APC	0.1 mg
				1920-30	AF488	0.1 mg
				1920-31	AF647	0.1 mg
 <p>Mouse Mφ cells were intracellularly stained with Rat Anti-Mouse CD107a-APC (SB Cat. No. 1920-11).</p>						
CD107b (LAMP-2)	ABL-93	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, ICC, EM, IP, WB	1921-01	UNLB	0.5 mg
				1921-02	FITC	0.5 mg
				1921-11	APC	0.1 mg
 <p>Mouse Mφ cells were stained with Rat Anti-Mouse CD107b-APC (SB Cat. No. 1921-11).</p>						
CD117 (c-Kit)	2B8	Rat IgG <sub>2b</sub> κ	FC, IHC-FS, ICC, IP	1880-01	UNLB	0.5 mg
				1880-02	FITC	0.5 mg
				1880-08	BIOT	0.5 mg
				1880-09L	PE	0.2 mg
				1880-09	PE	0.1 mg
				1880-11	APC	0.1 mg
				1880-13	SPRD	0.1 mg
				1880-14	LE/AF	0.5 mg
				1880-15	CY5	0.1 mg
				1880-18	APC/CY5.5	0.1 mg
				1880-19	APC/CY7	0.1 mg
				1880-26	PACBLU	0.1 mg
				1880-30	AF488	0.1 mg
1880-31	AF647	0.1 mg				
 <p>BALB/c mouse bone marrow cells were stained with Rat Anti-Mouse CD117-FITC (SB Cat. No. 1880-02) and Rat Anti-Mouse CD45R-PE (SB Cat. No. 1665-09).</p>						
CD117 (c-Kit)	3C1	Rat IgG <sub>2b</sub> κ	FC, IP	1885-01	UNLB	0.5 mg
				1885-02	FITC	0.5 mg
				1885-08	BIOT	0.5 mg
				1885-09	PE	0.1 mg
				 <p>BALB/c mouse bone marrow cells were stained with Rat Anti-Mouse CD117-PE (SB Cat. No. 1885-09) and Rat Anti-Mouse CD45R-FITC (SB Cat. No. 1665-02).</p>		

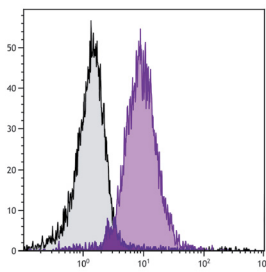
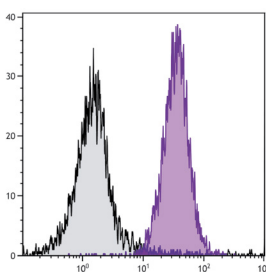
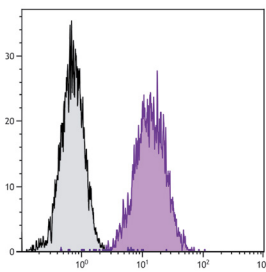
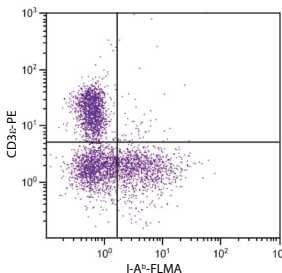
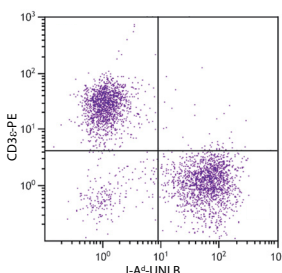
# Mouse Cell Surface Marker Antibodies

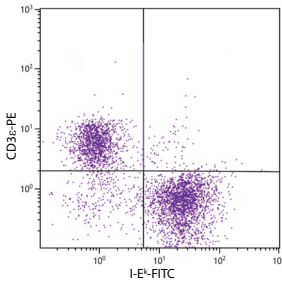
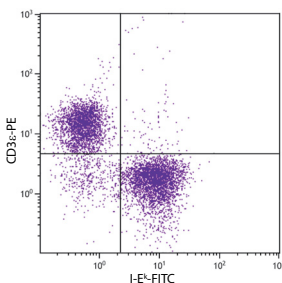
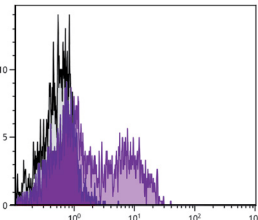
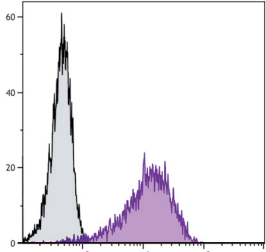
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD122 (IL-2R $\beta$ )	5H4	Rat IgG <sub>2a</sub> $\kappa$	FC, IP	1905-01	UNLB	0.5 mg
				1905-02	FITC	0.5 mg
				1905-08	BIOT	0.5 mg
				1905-09	PE	0.1 mg
				1905-11	APC	0.1 mg
				1905-14	LE/AF	0.5 mg
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD122-FITC (SB Cat. No. 1905-02) and Rat Anti-Mouse CD3<math>\epsilon</math>-PE (SB Cat. No. 1535-09).</p>						
CD152 (CTLA-4)	1B8	Hamster IgG <sub>1</sub>	FC, Stim, ELISA	1790-01	UNLB	0.5 mg
				1790-02	FITC	0.5 mg
				1790-08	BIOT	0.5 mg
				1790-09	PE	0.1 mg
				1790-14	LE/AF	0.5 mg
 <p>Con-A and IL-2-stimulated BALB/c mouse splenocytes were stained with Hamster Anti-Mouse CD152-FITC (SB Cat. No. 1790-02).</p>						
CD152 (CTLA-4)	9H10	Hamster IgG <sub>2</sub>	FC, IP, Costim, Block, ELISA	1791-01	UNLB	0.5 mg
				1791-14	LE/AF	0.5 mg
CD154 (CD40 ligand)	MR1	Hamster IgG <sub>3</sub>	FC, IHC-FS, IP, Block, ELISA	1650-01	UNLB	0.5 mg
				1650-02	FITC	0.5 mg
				1650-08	BIOT	0.5 mg
				1650-09	PE	0.1 mg
				1650-14	LE/AF	0.5 mg
 <p>PMA and Ionomycin-stimulated BALB/c mouse splenocytes were stained with Hamster Anti-Mouse CD154-PE (SB Cat. No. 1650-09), Rat Anti-Mouse CD4-FITC (SB Cat. No. 1540-02), and Rat Anti-Mouse CD8<math>\alpha</math>-FITC (SB Cat. No. 1550-02).</p>						
 <p>PMA and Ionomycin-stimulated BALB/c mouse splenocytes were stained with Hamster Anti-Mouse CD154-FITC (SB Cat. No. 1650-02), Rat Anti-Mouse CD4-PE (SB Cat. No. 1540-09), and Rat Anti-Mouse CD8<math>\alpha</math>-PE (SB Cat. No. 1550-09).</p>						



Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
H-2D <sup>b</sup>	28-14-8	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, IP, Block, CMCD	1910-01	UNLB	0.5 mg
				1910-02	FITC	0.5 mg
				1910-08	BIOT	0.5 mg
				1910-09	PE	0.1 mg
				1910-14	LE/AF	0.5 mg
				1910-30	AF488	0.1 mg
 <p>BALB/c mouse splenocytes were stained with Mouse Anti-Mouse H-2D<sup>b</sup>-UNLB (SB Cat. No. 1910-01) followed by Goat Anti-Mouse IgG<sub>2a</sub>, Human ads-FITC (SB Cat. No. 1080-02).</p>						
H-2D <sup>b</sup>	27-11-13S	Mouse IgG <sub>2a</sub> κ	FC, ICC, IP, CMCD	1913-01	UNLB	0.5 mg
				1913-02	FITC	0.5 mg
				1913-08	BIOT	0.5 mg
				1913-09	PE	0.1 mg
				1913-14	LE/AF	0.5 mg
				1913-30	AF488	0.1 mg
 <p>BALB/c mouse splenocytes were stained with Mouse Anti-Mouse H-2D<sup>b</sup>-PE (SB Cat. No. 1913-09).</p>						
H-2D <sup>d</sup>	34-5-8S	Mouse IgG <sub>2a</sub> κ	FC, ICC, IP, CMCD, Adhesion, Block, ELISA, Purification	1912-01	UNLB	0.5 mg
				1912-02	FITC	0.5 mg
				1912-08	BIOT	0.5 mg
				1912-09	PE	0.1 mg
 <p>DBA/2 mouse splenocytes were stained with Mouse Anti-Mouse H-2D<sup>d</sup>-PE (SB Cat. No. 1912-09).</p>						
H-2D <sup>k</sup>	15-5-5	Mouse IgG <sub>2a</sub> κ	FC, IP, CMCD, Block, ELISA	1914-01	UNLB	0.5 mg
				1914-02	FITC	0.5 mg
				1914-08	BIOT	0.5 mg
				1914-09	PE	0.1 mg
 <p>C3H/He mouse splenocytes were stained with Mouse Anti-Mouse H-2D<sup>k</sup>-PE (SB Cat. No. 1914-09).</p>						
H-2K <sup>d</sup> /H-2D <sup>d</sup>	34-1-2S	Mouse IgG <sub>2a</sub> κ	FC, ICC, EM, IP, CMCD, Block, Adhesion	1911-01	UNLB	0.5 mg
				1911-02	FITC	0.5 mg
				1911-08	BIOT	0.5 mg
				1911-09	PE	0.1 mg
 <p>BALB/c mouse splenocytes were stained with Mouse Anti-Mouse H-2K<sup>d</sup>/H-2D<sup>d</sup>-PE (SB Cat. No. 1911-09).</p>						

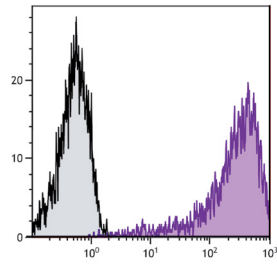
# Mouse Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
H-2K <sup>k</sup>	36-7-5	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS	1917-01	UNLB	0.5 mg
				1917-02	FITC	0.5 mg
				1917-08	BIOT	0.5 mg
				1917-09	PE	0.1 mg
			 <p>AKR mouse splenocytes were stained with Mouse Anti-Mouse H-2K<sup>k</sup>-PE (SB Cat. No. 1917-09).</p>			
H-2K <sup>k</sup>	16-3-22S	Mouse IgG <sub>2a</sub> κ	FC, IP, CMCD	1916-01	UNLB	0.5 mg
				1916-02	FITC	0.5 mg
				1916-08	BIOT	0.5 mg
				1916-09	PE	0.1 mg
			 <p>AKR mouse splenocytes were stained with Mouse Anti-Mouse H-2K<sup>k</sup>-PE (SB Cat. No. 1916-09).</p>			
H-2K <sup>k</sup>	11-4.1	Mouse IgG <sub>2a</sub> κ	FC, IP, Purification, ELISA	1893-01	UNLB	0.5 mg
			 <p>AKR mouse splenocytes were stained with Mouse Anti-Mouse H-2K<sup>k</sup>-FITC (in development).</p>			
I-A <sup>b</sup>	25-9-3	Mouse IgMκ	FC, IHC-FS, CMCD	1896-01	UNLB	0.5 mg
				1896-08	BIOT	0.5 mg
				1896-09	PE	0.1 mg
				1896-22	FLMA	0.5 mg
			 <p>C57BL/6 mouse splenocytes were stained with Mouse Anti-Mouse I-A<sup>b</sup>-FLMA (SB Cat. No. 1896-22) and Rat Anti-Mouse CD3<sub>ε</sub>-PE (SB Cat. No. 1535-09).</p>			
I-A <sup>d</sup> (Aβ <sup>d</sup> )	34-5-3	Mouse IgG <sub>2a</sub> κ	FC, IP, Activ, Block, Cyto	1901-01	UNLB	0.5 mg
			 <p>BALB/c mouse splenocytes were stained with Mouse Anti-Mouse I-A<sup>d</sup>-UNLB (SB Cat. No. 1901-01) and Rat Anti-Mouse CD3<sub>ε</sub>-PE (SB Cat. No. 1535-09) followed by Goat Anti-Mouse IgG<sub>2a</sub>, Human ads-FITC (SB Cat. No. 1080-02).</p>			

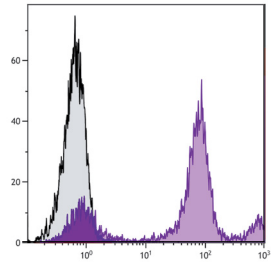
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
I-E <sup>k</sup>	14-4-4S	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, ICC, IP, CMCD, Activ, Block	1897-01	UNLB	0.5 mg
				1897-02	FITC	0.5 mg
				1897-08	BIOT	0.5 mg
				1897-09	PE	0.1 mg
				1897-14	LE/AF	0.5 mg
 <p>AKR mouse splenocytes were stained with Mouse Anti-Mouse I-E<sup>k</sup>-FITC (SB Cat. No. 1897-02) and Rat Anti-Mouse CD3<math>\epsilon</math>-PE (SB Cat. No. 1535-09).</p>						
I-E <sup>k</sup>	17-3-3S	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, CMCD	1898-01	UNLB	0.5 mg
				1898-02	FITC	0.5 mg
				1898-08	BIOT	0.5 mg
				1898-09	PE	0.1 mg
 <p>AKR mouse splenocytes were stained with Mouse Anti-Mouse I-E<sup>k</sup>-FITC (SB Cat. No. 1898-02) and Rat Anti-Mouse CD3<math>\epsilon</math>-PE (SB Cat. No. 1535-09).</p>						
KLRG1 (MAFA)	2F1	Hamster IgG <sub>2</sub>	FC, IP, WB-NR	1807-01	UNLB	0.5 mg
				1807-02	FITC	0.5 mg
				1807-08	BIOT	0.5 mg
				1807-09L	PE	0.2 mg
				1807-09	PE	0.1 mg
 <p>C57BL/6 mouse splenocytes were stained with Hamster Anti-Mouse KLRG1-PE (SB Cat. No. 1807-09), Mouse Anti-Mouse NK1.1-FITC (SB Cat. No. 1805-02), and Rat Anti-Mouse CD3<math>\epsilon</math>-SPRD (SB Cat. No. 1535-13).</p>						
LPAM-1 (Integrin $\alpha_4\beta_7$ )	DATK32	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IP, Block	1870-01	UNLB	0.5 mg
				1870-08	BIOT	0.5 mg
				1870-09L	PE	0.2 mg
				1870-09	PE	0.1 mg
 <p>AKR/Cum mouse T lymphocyte cell line TK-1 was stained with Rat Anti-Mouse LPAM-1-PE (SB Cat. No. 1870-09).</p>						

# Mouse Cell Surface Marker Antibodies

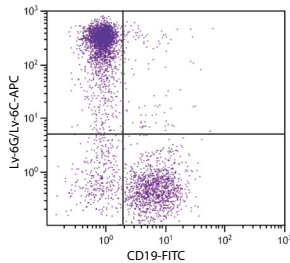
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
Ly-6A/E (Sca-1)	D7	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IHC-PS, IP, WB, Costim	1755-01	UNLB	0.5 mg				
				1755-02	FITC	0.5 mg				
				1755-08	BIOT	0.5 mg				
				1755-09L	PE	0.2 mg				
				1755-09	PE	0.1 mg				
				1755-11	APC	0.1 mg				
				1755-13	SPRD	0.1 mg				
				1755-14	LE/AF	0.5 mg				
				1755-16	PE/CY5.5	0.1 mg				
				1755-26	PACBLU	0.1 mg				
				1755-30	AF488	0.1 mg				
				1755-31	AF647	0.1 mg				
				Ly-6C	HK1.4	Rat IgG <sub>2c</sub> κ	FC, IHC-FS, Activ	1760-01	UNLB	0.5 mg
1760-02	FITC	0.5 mg								
1760-08	BIOT	0.5 mg								
1760-09	PE	0.1 mg								
1760-26	PACBLU	0.1 mg								
1760-27	AF700	0.1 mg								
1760-30	AF488	0.1 mg								
1760-31	AF647	0.1 mg								
Ly-6G/Ly-6C (Gr-1)	RB6-8C5	Rat IgG <sub>2b</sub> κ	FC, IHC-FS, IP, CMCD, Depletion					1900-01	UNLB	0.5 mg
								1900-02	FITC	0.5 mg
								1900-08	BIOT	0.5 mg
								1900-09L	PE	0.2 mg
								1900-09	PE	0.1 mg
				1900-11	APC	0.1 mg				
				1900-13	SPRD	0.1 mg				
				1900-14	LE/AF	0.5 mg				
				1900-15	CY5	0.1 mg				
				1900-16	PE/CY5.5	0.1 mg				
				1900-17	PE/CY7	0.1 mg				
				1900-19	APC/CY7	0.1 mg				
				1900-26	PACBLU	0.1 mg				
1900-27	AF700	0.1 mg								
1900-30	AF488	0.1 mg								
1900-31	AF647	0.1 mg								



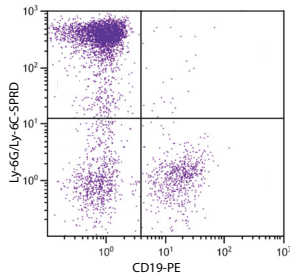
Con-A stimulated BALB/c mouse splenocytes were stained with Rat Anti-Mouse Ly-6A/E-SPRD (SB Cat. No. 1755-13).



BALB/c mouse bone marrow cells were stained with Rat Anti-Mouse Ly-6C-PE (SB Cat. No. 1760-09).

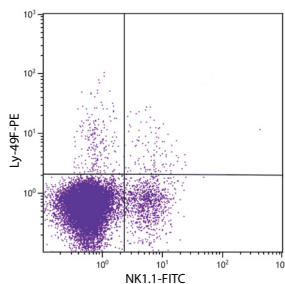


BALB/c mouse bone marrow cells were stained with Rat Anti-Mouse Ly-6G/Ly-6C-APC (SB Cat. No. 1900-11) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).

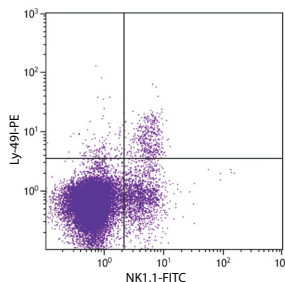


BALB/c mouse bone marrow cells were stained with Rat Anti-Mouse Ly-6G/Ly-6C-SPRD (SB Cat. No. 1900-13) and Rat Anti-Mouse CD19-PE (SB Cat. No. 1575-09).

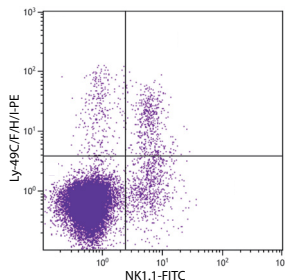
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Ly-49F	HBF-719	Mouse IgG <sub>1</sub> κ	FC	1803-01	UNLB	0.5 mg
				1803-02	FITC	0.5 mg
				1803-08	BIOT	0.5 mg
				1803-09	PE	0.1 mg
				1803-14	LE/AF	0.5 mg
Ly-49I	YLI-90	Mouse IgG <sub>1</sub> κ	FC	1802-01	UNLB	0.5 mg
				1802-02	FITC	0.5 mg
				1802-08	BIOT	0.5 mg
				1802-09	PE	0.1 mg
				Ly-49C/F/H/I	14B11	Hamster IgG <sub>1</sub>
1801-02	FITC	0.5 mg				
1801-08	BIOT	0.5 mg				
1801-09	PE	0.1 mg				
MAdCAM-1	MECA-367	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IP, WB, Block, Purification			
				1865-02	FITC	0.5 mg
				1865-08	BIOT	0.5 mg
				1865-14	LE/AF	0.5 mg



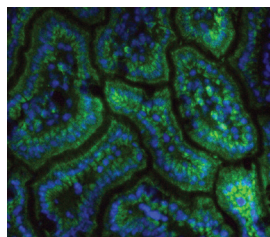
C57BL/6 mouse splenocytes were stained with Mouse Anti-Mouse Ly-49F-PE (SB Cat. No. 1803-09) and Mouse Anti-Mouse NK1.1-FITC (SB Cat. No. 1805-02).



C57BL/6 mouse splenocytes were stained with Mouse Anti-Mouse Ly-49I-PE (SB Cat. No. 1802-09) and Mouse Anti-Mouse NK1.1-FITC (SB Cat. No. 1805-02).



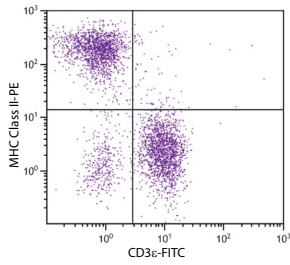
C57BL/6 mouse splenocytes were stained with Hamster Anti-Mouse Ly-49C/F/H/I-PE (SB Cat. No. 1801-09) and Mouse Anti-Mouse NK1.1-FITC (SB Cat. No. 1805-02).



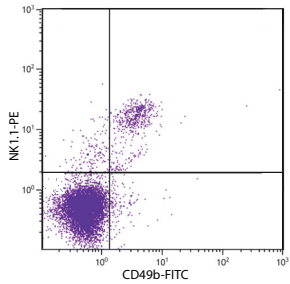
BALB/c mouse intestine sections were stained with Rat Anti-Mouse MAdCAM-1-BIOT (SB Cat. No. 1865-08) followed by Streptavidin-FITC (SB Cat. No. 7100-02). Sections were mounted with DAPI-Fluoromount-G® (SB Cat. No. 0100-20).

# Mouse Cell Surface Marker Antibodies

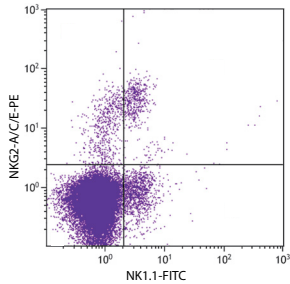
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
MHC Class II	NIMR-4	Rat IgG <sub>2b</sub> κ	FC, IHC-FS, ICC, Sep	1895-01	UNLB	0.5 mg				
				1895-02	FITC	0.5 mg				
				1895-08	BIOT	0.5 mg				
				1895-09L	PE	0.2 mg				
				1895-09	PE	0.1 mg				
				1895-11	APC	0.1 mg				
				1895-13	SPRD	0.1 mg				
				1895-14	LE/AF	0.5 mg				
				NK1.1	PK136	Mouse IgG <sub>2a</sub> κ	FC, IHC, IP, Depletion, CMCD, Block, Activ	1805-01	UNLB	0.5 mg
								1805-02	FITC	0.5 mg
								1805-08	BIOT	0.5 mg
								1805-09L	PE	0.2 mg
								1805-09	PE	0.1 mg
								1805-11	APC	0.1 mg
1805-14	LE/AF	0.5 mg								
1805-17	PE/CY7	0.1 mg								
1805-26	PACBLU	0.1 mg								
1805-27	AF700	0.1 mg								
1805-30	AF488	0.1 mg								
1805-31	AF647	0.1 mg								
NKG2-A/C/E	20d5	Rat IgG <sub>2a</sub> κ	FC, Block					1804-01	UNLB	0.5 mg
								1804-02	FITC	0.5 mg
				1804-08	BIOT	0.5 mg				
				1804-09	PE	0.1 mg				
				Qa-2	695H1-9-9	Mouse IgG <sub>2a</sub> κ	FC, ICC, CMCD	1906-01	UNLB	0.5 mg
1906-02	FITC	0.5 mg								
1906-08	BIOT	0.5 mg								
1906-09	PE	0.1 mg								



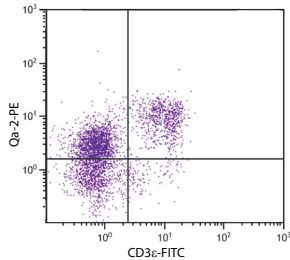
BALB/c mouse splenocytes were stained with Rat Anti-Mouse MHC Class II-PE (SB Cat. No. 1895-09) and Rat Anti-Mouse CD3ε-FITC (SB Cat. No. 1535-02).



C57BL/6 mouse splenocytes were stained with Mouse Anti-Mouse NK1.1-PE (SB Cat. No. 1805-09) and Rat Anti-Mouse CD49b-FITC (SB Cat. No. 1806-02).



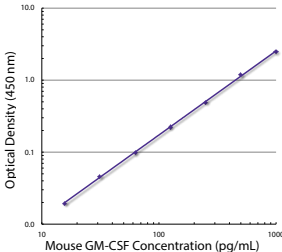
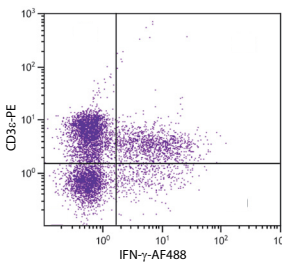
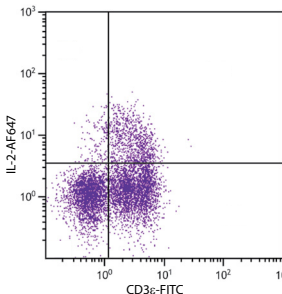
C57BL/6 mouse splenocytes were stained with Rat Anti-Mouse NKG2-A/C/E-PE (SB Cat. No. 1804-09) and Mouse Anti-Mouse NK1.1-FITC (SB Cat. No. 1805-02).



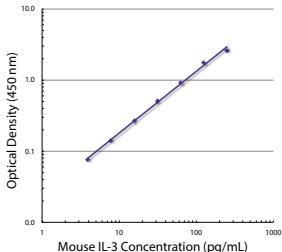
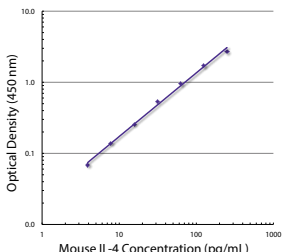
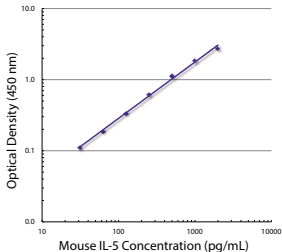
C57BL/6 mouse splenocytes were stained with Mouse Anti-Mouse Qa-2-PE (SB Cat. No. 1906-09) and Rat Anti-Mouse CD3ε-FITC (SB Cat. No. 1535-02).

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
TCR $\beta$	H57-597	Hamster IgG <sub>2</sub>	FC, IHC, ICC, IP, Stim, Depletion, Sep	1785-01	UNLB	0.5 mg
				1785-02	FITC	0.5 mg
				1785-02S	FITC	0.1 mg
				1785-08	BIOT	0.5 mg
				1785-09	PE	0.1 mg
				1785-11	APC	0.1 mg
				1785-13	SPRD	0.1 mg
				1785-14	LE/AF	0.5 mg
				1785-16	PE/CY5.5	0.1 mg
				1785-26	PACBLU	0.1 mg
				1785-27	AF700	0.1 mg
				1785-30	AF488	0.1 mg
				1785-31	AF647	0.1 mg
TCR $\beta$ -PE	H57-597	Hamster IgG <sub>2</sub>	FC, IHC, ICC, IP, Stim, Depletion, Sep	<p>BALB/c mouse splenocytes were stained with Hamster Anti-Mouse TCR<math>\beta</math>-PE (SB Cat. No. 1785-09) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).</p>		
				<p>BALB/c mouse splenocytes were stained with Hamster Anti-Mouse TCR<math>\beta</math>-APC (SB Cat. No. 1785-11) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).</p>		
TCR $\gamma\delta$	UC7-13D5	Hamster IgG <sub>3</sub>	FC, IP, Costim, Depletion	1780-01	UNLB	0.5 mg
				1780-02	FITC	0.5 mg
				1780-08	BIOT	0.5 mg
				1780-09L	PE	0.2 mg
				1780-09	PE	0.1 mg
				1780-13	SPRD	0.1 mg
				1780-14	LE/AF	0.5 mg
				1780-30	AF488	0.1 mg
TCR $\gamma\delta$ -PE	UC7-13D5	Hamster IgG <sub>3</sub>	FC, IP, Costim, Depletion	<p>C57BL/6 mouse mesenteric lymph node cells were stained with Hamster Anti-Mouse TCR<math>\gamma\delta</math>-PE (SB Cat. No. 1780-09) and Rat Anti-Mouse CD3<math>\epsilon</math>-FITC (SB Cat. No. 1535-02).</p>		

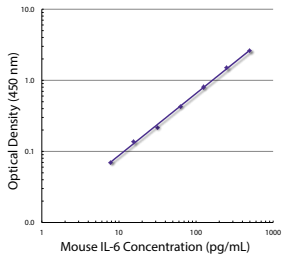
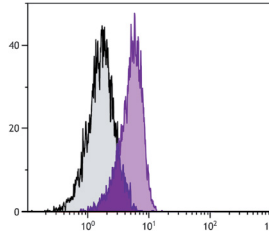
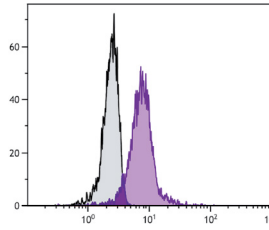
# Mouse Cytokine Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
GM-CSF	MP1-22E9	Rat IgG <sub>2a</sub> κ	FC, ELISA-Capture, ELISPOT-Capture, IHC-FS, ICC, WB, Neut, Multiplex-Capture	10235-01	UNLB	0.5 mg
				10235-14	LE/AF	0.5 mg
GM-CSF	MP1-31G6	Rat IgG <sub>1</sub> κ	ELISA-Detection, IHC-FS, ICC, IP, Neut, Multiplex-Detection	10236-01	UNLB	0.5 mg
				10236-08	BIOT	0.5 mg
			 <p>Standard curve generated with Rat Anti-Mouse GM-CSF-UNLB (SB Cat. No. 10235-01; Clone MP1-22E9) and Rat Anti-Mouse GM-CSF-BIOT (SB Cat. No. 10236-08; Clone MP1-31G6) followed by Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05)</p>			
IFN-γ	XMG1.2	Rat IgG <sub>1</sub> κ	FC, ELISA-Capture, ELISA-Detection, ELISPOT-Detection, IHC-FS, IHC-PS, ICC, WB, Neut, Multiplex-Detection	10240-01	UNLB	0.5 mg
				10240-02	FITC	0.1 mg
				10240-08	BIOT	0.5 mg
				10240-14	LE/AF	0.5 mg
				10240-26	PACBLU	0.1 mg
				10240-30	AF488	0.1 mg
				10240-31	AF647	0.1 mg
			 <p>PMA and Ionomycin-stimulated BALB/c mouse splenocytes were stained with Rat Anti-Mouse IFN-γ-AF488 (SB Cat. No. 10240-30) and Rat Anti-Mouse CD3ε-PE (SB Cat. No. 1535-09).</p>			
IL-2	JES6-1A12	Rat IgG <sub>2a</sub> κ	ELISA-Capture, ELISA-Detection, ELISPOT-Capture, WB, IP, Neut, Multiplex-Capture	10201-01	UNLB	0.5 mg
				10201-08	BIOT	0.5 mg
				10201-14	LE/AF	0.5 mg
IL-2	JES6-5H4	Rat IgG <sub>2b</sub> κ	FC, ELISA-Capture, ELISA-Detection, ELISPOT-Detection, IHC-FS, IP, Neut, Multiplex-Detection	10202-01	UNLB	0.5 mg
				10202-02	FITC	0.1 mg
				10202-08	BIOT	0.5 mg
				10202-09	PE	0.1 mg
				10202-30	AF488	0.1 mg
				10202-31	AF647	0.1 mg
			 <p>PMA-stimulated BALB/c mouse splenocytes were stained with Rat Anti-Mouse IL-2-AF647 (SB Cat. No. 10202-31) and Rat Anti-Mouse CD3ε-FITC (SB Cat. No. 1535-02).</p>			



Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IL-3	MP2-8F8	Rat IgG <sub>1</sub> κ	FC, ELISA-Capture, ELISPOT-Capture, IHC-FS, ICC, IP, Neut, Multiplex-Capture	10212-01	UNLB	0.5 mg
				10212-14	LE/AF	0.5 mg
IL-3	MP2-43D11	Rat IgG <sub>2a</sub> κ	ELISA-Detection, ELISPOT-Detection, IHC-FS, ICC, WB, Neut, Multiplex-Detection	10213-01	UNLB	0.5 mg
				10213-08	BIOT	0.5 mg
			 <p>Standard curve generated with Rat Anti-Mouse IL-3-UNLB (SB Cat. No. 10212-01; Clone MP2-8F8) and Rat Anti-Mouse IL-3-BIOT (SB Cat. No. 10213-08; Clone MP2-43D11) followed by Streptavidin-HRP (SB Cat. No. 7100-05)</p>			
IL-4	BVD4-1D11	Rat IgG <sub>2b</sub> κ	FC, ELISA-Capture, ELISA-Detection, ELISPOT-Capture, IHC-FS, IHC-PS, ICC, IP, WB, Neut, Multiplex-Capture	10203-01	UNLB	0.5 mg
				10203-14	LE/AF	0.5 mg
IL-4	BVD6-24G2	Rat IgG <sub>1</sub> κ	FC, ELISA-Detection, ELISPOT-Detection, IHC-FS, IP, WB, Multiplex-Detection	10204-01	UNLB	0.5 mg
				10204-08	BIOT	0.5 mg
			 <p>Standard curve generated with Rat Anti-Mouse IL-4-UNLB (SB Cat. No. 10203-01; Clone BVD4-1D11) and Rat Anti-Mouse IL-4-BIOT (SB Cat. No. 10204-08; Clone BVD6-24G2) followed by Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05)</p>			
IL-5	TRFK5	Rat IgG <sub>1</sub> κ	FC, ELISA-Capture, ELISPOT-Capture, ELISPOT-Detection, IHC-FS, ICC, Purification, Neut, Multiplex-Capture	10205-01	UNLB	0.5 mg
				10205-14	LE/AF	0.5 mg
IL-5	TRFK4	Rat IgG <sub>2a</sub> κ	ELISA-Detection, ELISPOT-Capture, ELISPOT-Detection, IHC-FS, ICC, Purification, Neut, Multiplex-Detection	10206-01	UNLB	0.5 mg
				10206-08	BIOT	0.5 mg
			 <p>Standard curve generated with Rat Anti-Mouse IL-5-UNLB (SB Cat. No. 10205-01; Clone TRFK5) and Rat Anti-Mouse IL-5-BIOT (SB Cat. No. 10206-08; Clone TRFK4) followed by Streptavidin-HRP (SB Cat. No. 7100-05)</p>			

# Mouse Cytokine Antibodies

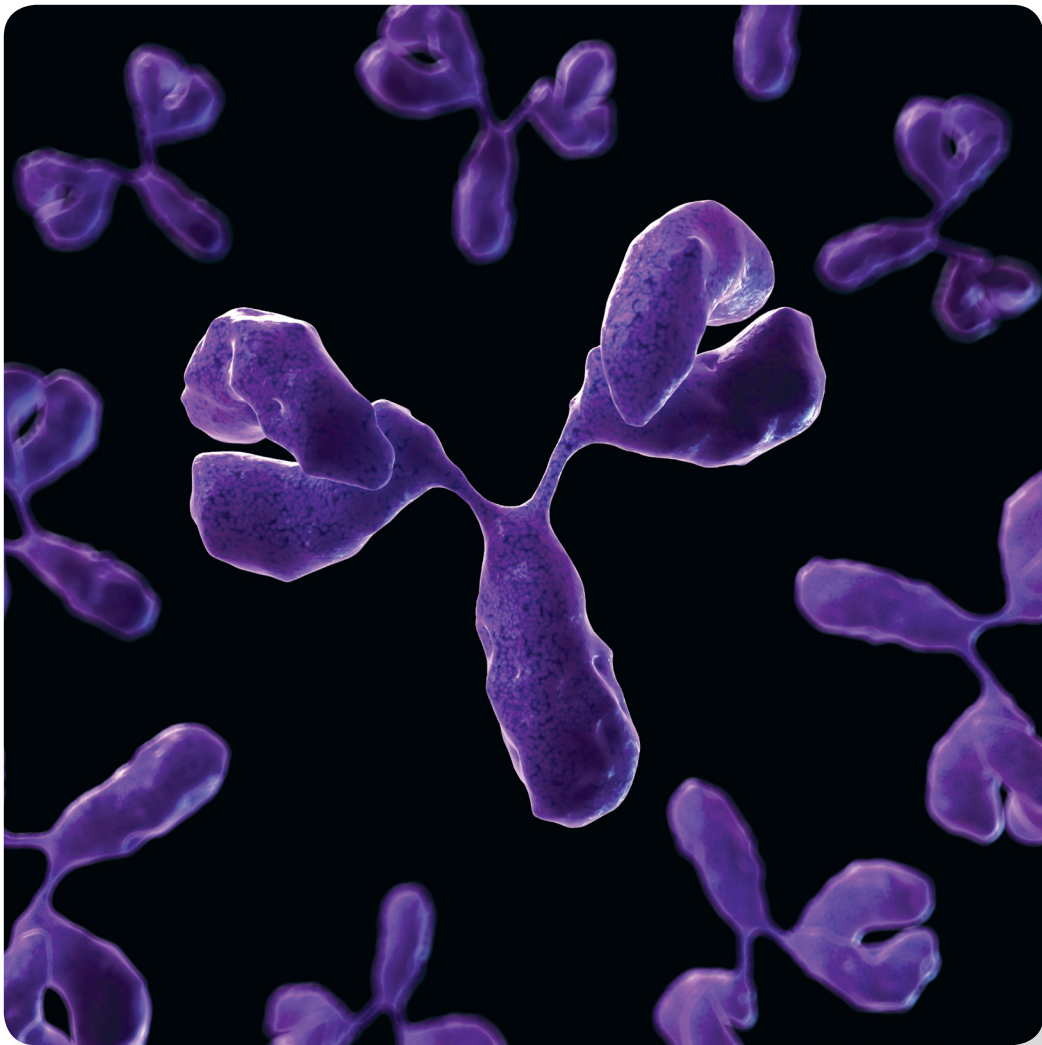
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IL-6	MP5-20F3	Rat IgG <sub>1</sub> κ	FC, ELISA-Capture, ELISPOT-Capture, IHC-FS, IHC-PS, ICC, IP, Neut, Multiplex-Capture	10207-01	UNLB	0.5 mg
				10207-14	LE/AF	0.5 mg
IL-6	MP5-32C11	Rat IgG <sub>2a</sub> κ	ELISA-Detection, ELISPOT-Detection, IHC-FS, ICC, Multiplex-Detection	10208-01	UNLB	0.5 mg
				10208-08	BIOT	0.5 mg
			 <p>Standard curve generated with Rat Anti-Mouse IL-6-UNLB (SB Cat. No. 10207-01; Clone MP5-20F3) and Rat Anti-Mouse IL-6-BIOT (SB Cat. No. 10208-08; Clone MP5-32C11) followed by Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05)</p>			
IL-10	JES5-2A5	Rat IgG <sub>1</sub> κ	FC, ELISA-Capture, ELISA-Detection, ELISPOT-Capture, IHC-FS, IHC-PS, IP, WB, Neut, Multiplex-Capture	10210-01	UNLB	0.5 mg
				10210-08	BIOT	0.5 mg
				10210-14	LE/AF	0.5 mg
IL-10	JES5-16E3	Rat IgG <sub>2b</sub> κ	FC, ELISA-Detection, ELISA-Capture, ELISPOT-Detection, IHC-FS, ICC, IP, Neut	10211-01	UNLB	0.5 mg
				10211-02	FITC	0.1 mg
				10211-08	BIOT	0.5 mg
				10211-14	LE/AF	0.5 mg
			 <p>PMA and Ionomycin-stimulated BALB/c mouse splenocytes were intracellularly stained with Rat Anti-Mouse IL-10-FITC (SB Cat. No. 10211-02).</p>			
IL-17A	TC11-18H10	Rat IgG <sub>1</sub> κ	FC, ELISA-Capture, ELISPOT-Capture, Neut	10215-01	UNLB	0.5 mg
				10215-14	LE/AF	0.5 mg
IL-17A	TC11-8H4	Rat IgG <sub>1</sub> κ	FC, ELISA-Detection, ELISPOT-Capture, ELISPOT-Detection	10214-01	UNLB	0.5 mg
				10214-02	FITC	0.1 mg
				10214-08	BIOT	0.5 mg
			 <p>PMA and Ionomycin-stimulated C57BL/6N mouse T lymphocyte EL-4 cell line was stained with Rat Anti-Mouse IL-17A-FITC (SB Cat. No. 10214-02).</p>			

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
TNF- $\alpha$	MP6-XT22	Rat IgG <sub>1</sub> $\kappa$	FC, ELISA-Capture, ELISA-Detection, ELISPOT-Capture, IHC-FS, IHC-PS, ICC, WB, Neut, Multiplex-Detection	10230-01	UNLB	0.5 mg
				10230-02	FITC	0.1 mg
				10230-08	BIOT	0.5 mg
				10230-14	LE/AF	0.5 mg
TNF- $\alpha$	MP6-XT3	Rat IgG <sub>1</sub> $\kappa$	FC, ELISA-Capture, ELISA-Detection, ELISPOT-Capture, ELISPOT-Detection, IHC-FS, IHC-PS, WB, Neut, Multiplex-Detection	10229-01	UNLB	0.5 mg
				10229-08	BIOT	0.5 mg
				10229-14	LE/AF	0.5 mg

**SouthernBiotech**

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Toll Free 800.722.2255 Tel 205.945.1774 Fax 205.945.8768

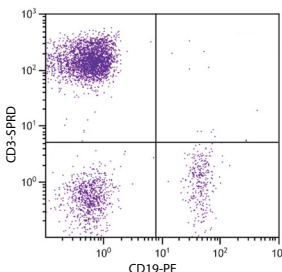
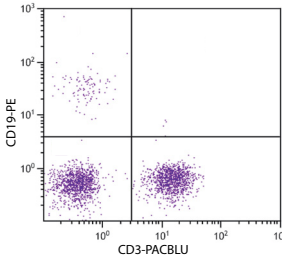
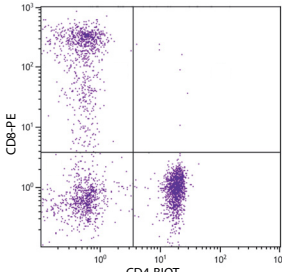
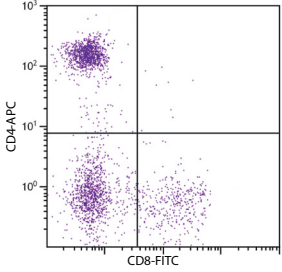
# Human Immunology Antibodies

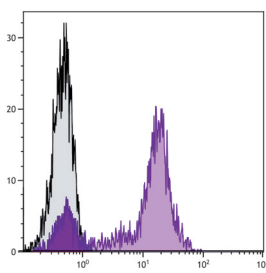
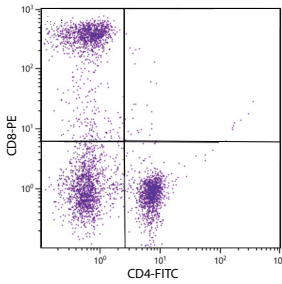
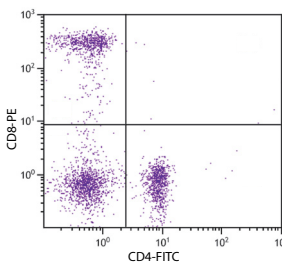
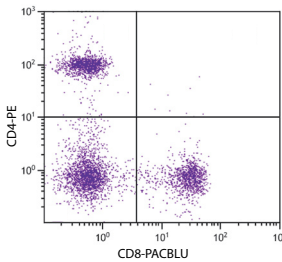


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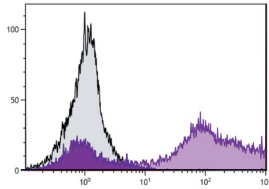
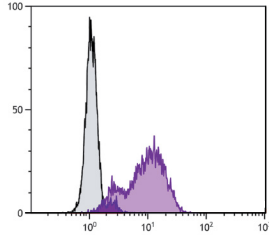
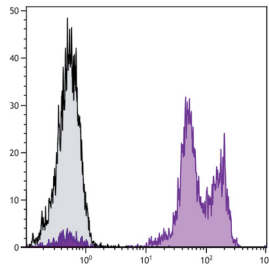
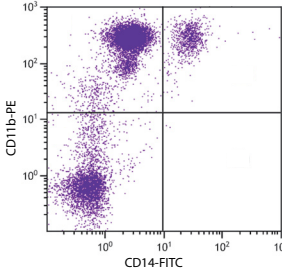
[www.SouthernBiotech.com](http://www.SouthernBiotech.com) [info@SouthernBiotech.com](mailto:info@SouthernBiotech.com)  
Toll Free 800.722.2255 Tel 205.945.1774 Fax 205.945.8768

# Human Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size		
CD3	UCHT1	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP, WB, Activ, Block	9515-01	UNLB	0.1 mg		
				9515-02	FITC	100 tests		
				9515-02S	FITC	25 tests		
				9515-08	BIOT	100 tests		
				9515-09	PE	100 tests		
				9515-09S	PE	25 tests		
				9515-11	APC	100 tests		
				9515-11S	APC	25 tests		
				9515-13	SPRD	100 tests		
				9515-14	LE/AF	0.5 mg		
				9515-15	CY5	100 tests		
				9515-16	PE/CY5.5	100 tests		
				9515-17	PE/CY7	100 tests		
				9515-19	APC/CY7	100 tests		
				9515-26	PACBLU	100 tests		
				9515-27	AF700	100 tests		
				9515-30	AF488	100 tests		
				9515-31	AF647	100 tests		
				 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD3-SPRD (SB Cat. No. 9515-13) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).</p>	 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD3-PACBLU (SB Cat. No. 9515-26) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).</p>	CD4	RFT4	Mouse IgG <sub>1</sub> κ
9522-02	FITC	100 tests						
9522-02S	FITC	25 tests						
9522-08	BIOT	100 tests						
9522-09	PE	100 tests						
9522-09S	PE	25 tests						
9522-10	PE/TXRD	100 tests						
9522-11	APC	100 tests						
9522-11S	APC	25 tests						
9522-13	SPRD	100 tests						
9522-14	LE/AF	0.5 mg						
9522-15	CY5	100 tests						
9522-16	PE/CY5.5	100 tests						
9522-17	PE/CY7	100 tests						
9522-19	APC/CY7	100 tests						
9522-27	AF700	100 tests						
9522-30	AF488	100 tests						
9522-31	AF647	100 tests						
 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD4-BIOT (SB Cat. No. 9522-08) and Mouse Anti-Human CD8-PE (SB Cat. No. 9536-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).</p>	 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD4-APC (SB Cat. No. 9522-11) and Mouse Anti-Human CD8-FITC (SB Cat. No. 9536-02).</p>							

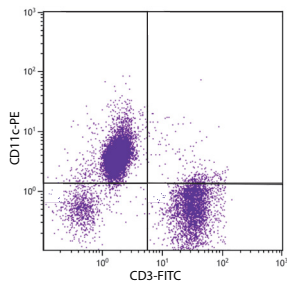
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size	
CD5	UCHT2	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IP, WB	9526-01	UNLB	0.1 mg	
				9526-02	FITC	100 tests	
				9526-02S	FITC	25 tests	
				9526-08	BIOT	100 tests	
				9526-09	PE	100 tests	
				9526-09S	PE	25 tests	
				9526-11	APC	100 tests	
				9526-11S	APC	25 tests	
				9526-13	SPRD	100 tests	
				9526-26	PACBLU	100 tests	
				9526-31	AF647	100 tests	
				 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD5-FITC (SB Cat. No. 9526-02).</p>			
				CD8	UCHT4	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, IHC-PS, IP, Sep, Block
9535-02	FITC	100 tests					
9535-09	PE	100 tests					
9535-13	SPRD	100 tests					
 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD8-PE (SB Cat. No. 9535-09) and Mouse Anti-Human CD4-FITC (SB Cat. No. 9522-02).</p>							
CD8	RFT8	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, Depletion	9536-01	UNLB	0.1 mg	
				9536-02	FITC	100 tests	
				9536-02S	FITC	25 tests	
				9536-08	BIOT	100 tests	
				9536-09	PE	100 tests	
				9536-09S	PE	25 tests	
				9536-10	PE/TXRD	100 tests	
				9536-11	APC	100 tests	
				9536-11S	APC	25 tests	
				9536-13	SPRD	100 tests	
				9536-14	LE/AF	0.5 mg	
				9536-15	CY5	100 tests	
				9536-16	PE/CY5.5	100 tests	
				9536-17	PE/CY7	100 tests	
				9536-18	APC/CY5.5	100 tests	
				9536-19	APC/CY7	100 tests	
				9536-26	PACBLU	100 tests	
				9536-27	AF700	100 tests	
				9536-30	AF488	100 tests	
9536-31	AF647	100 tests					
 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD8-PE (SB Cat. No. 9536-09) and Mouse Anti-Human CD4-FITC (SB Cat. No. 9522-02).</p>							
 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD8-PACBLU (SB Cat. No. 9536-26) and Mouse Anti-Human CD4-PE (SB Cat. No. 9522-09).</p>							

# Human Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD9	MM2/57	Mouse IgG <sub>2b</sub> κ	FC, IHC-FS, ICC, IP, WB	9310-01	UNLB	0.1 mg
				9310-02	FITC	100 tests
				9310-02S	FITC	25 tests
				9310-09	PE	100 tests
				9310-09S	PE	25 tests
				9310-14	LE/AF	0.5 mg
				 <p>Human peripheral blood was stained with Mouse Anti-Human CD9-PE (SB Cat. No. 9310-09).</p>		
CD10 (CALLA)	CB-CALLA	Mouse IgG <sub>2b</sub> κ	FC	9541-01	UNLB	0.1 mg
				9541-02	FITC	100 tests
				9541-09	PE	100 tests
 <p>Human granulocytes were stained with Mouse Anti-Human CD10-FITC (SB Cat. No. 9541-02).</p>						
CD11a (Integrin α <sub>L</sub> )	38	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, IP, Block, Adhesion, ELISA	9320-01	UNLB	0.1 mg
				9320-02	FITC	100 tests
				9320-08	BIOT	100 tests
				9320-09	PE	100 tests
				9320-11	APC	100 tests
				9320-13	SPRD	100 tests
				9320-14	LE/AF	0.5 mg
 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD11a-PE (SB Cat. No. 9320-09).</p>						
CD11b (Integrin α <sub>M</sub> )	ICRF44	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP, WB, Block	9546-01	UNLB	0.1 mg
				9546-02	FITC	100 tests
				9546-08	BIOT	100 tests
				9546-09	PE	100 tests
				9546-09S	PE	25 tests
				9546-11	APC	100 tests
				9546-11S	APC	25 tests
				9546-13	SPRD	100 tests
				9546-26	PACBLU	100 tests
				9546-30	AF488	100 tests
				9546-31	AF647	100 tests
 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD11b-PE (SB Cat. No. 9546-09) and Mouse Anti-Human CD14-FITC (SB Cat. No. 9561-02).</p>						

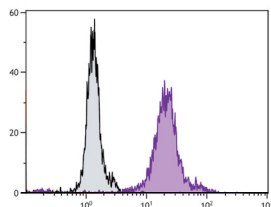


Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD11c (Integrin $\alpha_X$ )	3.9	Mouse IgG <sub>1</sub> $\kappa$	FC, IHC-FS, IP, Block	9551-01	UNLB	0.1 mg
				9551-02	FITC	100 tests
				9551-02S	FITC	25 tests
				9551-08	BIOT	100 tests
				9551-09	PE	100 tests
				9551-09S	PE	25 tests
				9551-26	PACBLU	100 tests
				9551-27	AF700	100 tests
				9551-30	AF488	100 tests
				9551-31	AF647	100 tests



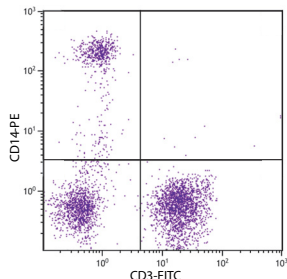
Human monocytes, granulocytes, and peripheral blood lymphocytes were stained with Mouse Anti-Human CD11c-PE (SB Cat. No. 9551-09) and Mouse Anti-Human CD3-FITC (SB Cat. No. 9515-02).

CD13	22A5	Mouse IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, IP	9556-01	UNLB	0.1 mg
				9556-02	FITC	100 tests
				9556-02S	FITC	25 tests
				9556-09	PE	100 tests
				9556-09S	PE	25 tests



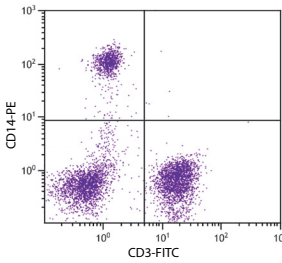
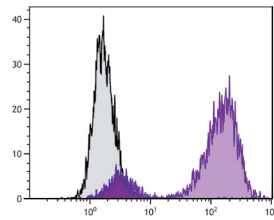
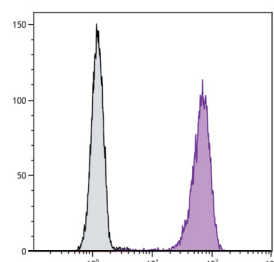
Human monocytes and granulocytes were stained with Mouse Anti-Human CD13-FITC (SB Cat. No. 9556-02).

CD14	UCHM-1	Mouse IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, ICC, IP, ELISA, Block, Depletion	9560-01	UNLB	0.1 mg
				9560-02	FITC	100 tests
				9560-08	BIOT	100 tests
				9560-09	PE	100 tests
				9560-13	SPRD	100 tests

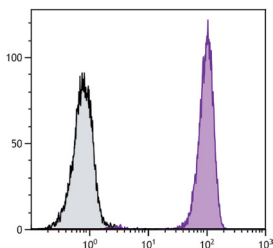


Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD14-PE (SB Cat. No. 9560-09) and Mouse Anti-Human CD3-FITC (SB Cat. No. 9515-02).

# Human Cell Surface Marker Antibodies

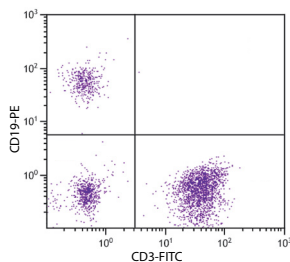
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
CD14	61D3	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, WB, ELISA, Cyto, Block	9561-01	UNLB	0.1 mg				
				9561-02	FITC	100 tests				
				9561-02S	FITC	25 tests				
				9561-08	BIOT	100 tests				
				9561-09	PE	100 tests				
				9561-09S	PE	25 tests				
				9561-11	APC	100 tests				
				9561-11S	APC	25 tests				
				9561-13	SPRD	100 tests				
				9561-14	LE/AF	0.5 mg				
				9561-16	PE/CY5.5	100 tests				
				9561-17	PE/CY7	100 tests				
				9561-18	APC/CY5.5	100 tests				
				9561-19	APC/CY7	100 tests				
				9561-27	AF700	100 tests				
				9561-30	AF488	100 tests				
				9561-31	AF647	100 tests				
				 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD14-PE (SB Cat. No. 9561-09) and Mouse Anti-Human CD3-FITC (SB Cat. No. 9515-02).</p>						
				CD15	28	Mouse IgMκ	FC, IHC-FS, ICC, IP	9565-01	UNLB	0.1 mg
								9565-02	FITC	100 tests
9565-08	BIOT	100 tests								
9565-09	PE	100 tests								
9565-27	AF700	100 tests								
 <p>Human granulocytes were stained with Mouse Anti-Human CD15-PE (SB Cat. No. 9565-09).</p>										
CD16 (FcγRIII)	GRM1	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, IP, WB, ELISA, CMCD	9570-01	UNLB	0.1 mg				
				9570-02	FITC	100 tests				
				9570-08	BIOT	100 tests				
				9570-09	PE	100 tests				
				9570-13	SPRD	100 tests				
				9570-27	AF700	100 tests				
				9570-30	AF488	100 tests				
				9570-31	AF647	100 tests				
 <p>Human granulocytes were stained with Mouse Anti-Human CD16-AF488 (SB Cat. No. 9570-30).</p>										

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD16 (FcγRIII)	3G8	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP, WB-NR, Stim, Costim, Block	9571-01	UNLB	0.1 mg
				9571-02	FITC	100 tests
				9571-08	BIOT	100 tests
				9571-09	PE	100 tests
				9571-14	LE/AF	0.5 mg
				9571-26	PACBLU	100 tests
				9571-27	AF700	100 tests
				9571-30	AF488	100 tests
				9571-31	AF647	100 tests

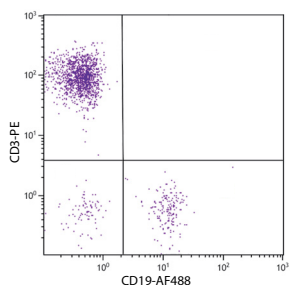


Human granulocytes were stained with Mouse Anti-Human CD16-PACBLU (SB Cat. No. 9571-26).

CD19	SJ25-C1	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IP, Block	9340-01	UNLB	0.1 mg
				9340-02	FITC	100 tests
				9340-02S	FITC	25 tests
				9340-08	BIOT	100 tests
				9340-09	PE	100 tests
				9340-09S	PE	25 tests
				9340-10	PE/TXRD	100 tests
				9340-11	APC	100 tests
				9340-11S	APC	25 tests
				9340-13	SPRD	100 tests
				9340-14	LE/AF	0.5 mg
				9340-15	CY5	100 tests
				9340-16	PE/CY5.5	100 tests
				9340-17	PE/CY7	100 tests
				9340-18	APC/CY5.5	100 tests
				9340-19	APC/CY7	100 tests
				9340-26	PACBLU	100 tests
				9340-27	AF700	100 tests
				9340-30	AF488	100 tests
				9340-31	AF647	100 tests

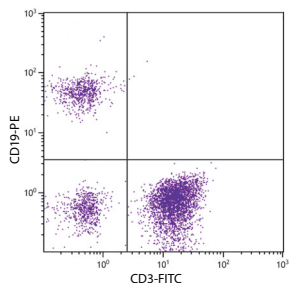


Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09) and Mouse Anti-Human CD3-FITC (SB Cat. No. 9515-02).



Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD19-AF488 (SB Cat. No. 9340-30) and Mouse Anti-Human CD3-PE (SB Cat. No. 9515-09).

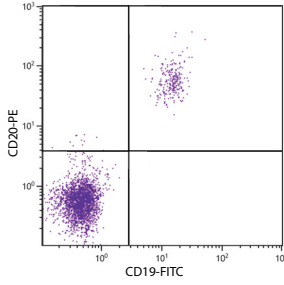
CD19	SJ25-C1	Mouse F(ab') <sub>2</sub> IgG <sub>1</sub> κ	FC, IHC-FS, IP, Block	9342-01	UNLB	0.1 mg
				9342-02	FITC	100 tests
				9342-09	PE	100 tests



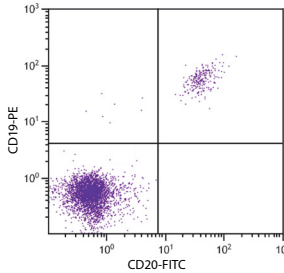
Human peripheral blood lymphocytes were stained with Mouse F(ab')<sub>2</sub> Anti-Human CD19-PE (SB Cat. No. 9342-09) and Mouse Anti-Human CD3-FITC (SB Cat. No. 9515-02).

# Human Cell Surface Marker Antibodies

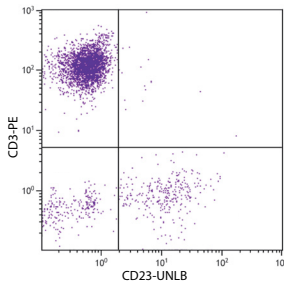
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD20	B-Ly1	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, IP, Block, Sep, Cyto	9350-01	UNLB	0.1 mg
				9350-02	FITC	100 tests
				9350-02S	FITC	25 tests
				9350-08	BIOT	100 tests
				9350-09	PE	100 tests
				9350-09S	PE	25 tests
				9350-11	APC	100 tests
				9350-11S	APC	25 tests
				9350-13	SPRD	100 tests
				9350-17	PE/CY7	100 tests
				9350-19	APC/CY7	100 tests
				9350-26	PACBLU	100 tests
				9350-27	AF700	100 tests
				9350-30	AF488	100 tests
9350-31	AF647	100 tests				
CD20	B-Ly1	Mouse F(ab') <sub>2</sub> IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, IP, Block, Sep, Cyto	9352-01	UNLB	0.1 mg
				9352-02	FITC	100 tests
				9352-09	PE	100 tests
CD23 (FcεRII)	Tü1	Mouse IgG <sub>3</sub> κ	FC, IHC-FS, ICC, WB, Block	9580-01	UNLB	0.1 mg
				9580-02	FITC	100 tests
				9580-02S	FITC	25 tests
				9580-09	PE	100 tests
				9580-09S	PE	25 tests
CD25 (IL-2Rα)	BC96	Mouse IgG <sub>1</sub> κ	FC, IHC-FS	9582-01	UNLB	0.1 mg
				9582-09	PE	100 tests
				9582-26	PACBLU	100 tests
				9582-27	AF700	100 tests
				9582-30	AF488	100 tests
				9582-31	AF647	100 tests



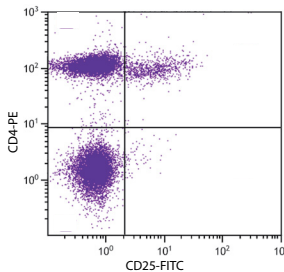
Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD20-PE (SB Cat. No. 9350-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).



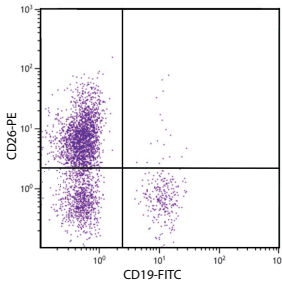
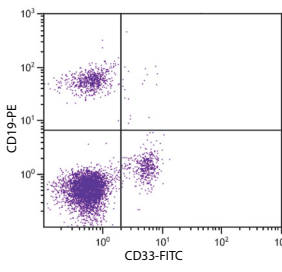
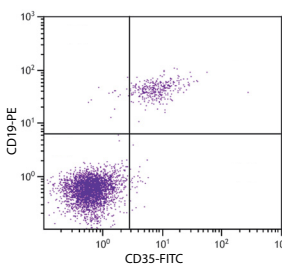
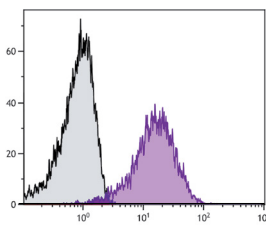
Human peripheral blood lymphocytes were stained with Mouse F(ab')<sub>2</sub> Anti-Human CD20-FITC (SB Cat. No. 9352-02) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).



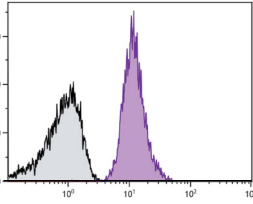
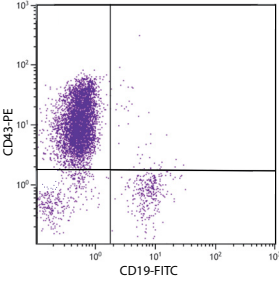
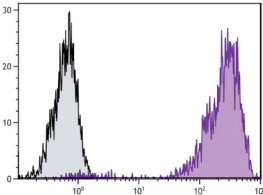
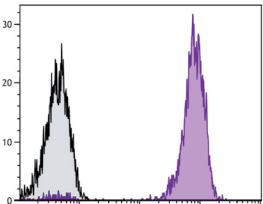
Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD23-UNLB (SB Cat. No. 9580-01) and Mouse Anti-Human CD3-PE (SB Cat. No. 9515-09) followed by Goat Anti-Mouse IgG<sub>3</sub>, Human ads-FITC (SB Cat. No. 1100-02).



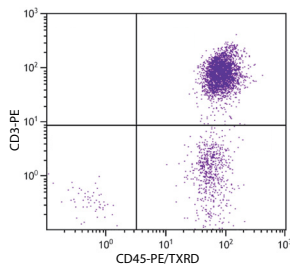
PHA-stimulated human peripheral blood lymphocytes were stained with Mouse Anti-Human CD25-FITC (SB Cat. No. 9582-02; in development) and Mouse Anti-Human CD4-PE (SB Cat. No. 9522-09).

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD26	134-2C2	Mouse IgM $\kappa$	FC, IP, Costim	9865-01	UNLB	0.1 mg
				9865-02	FITC	100 tests
				9865-09	PE	100 tests
		Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD26-PE (SB Cat. No. 9865-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).				
CD33	WM53	Mouse IgG $_{1\kappa}$	FC, IHC-FS, ICC, IP, WB, Block	9590-01	UNLB	0.1 mg
				9590-02	FITC	100 tests
				9590-02S	FITC	25 tests
				9590-09	PE	100 tests
				9590-09S	PE	25 tests
				9590-11	APC	100 tests
				9590-11S	APC	25 tests
				9590-13	SPRD	100 tests
				9590-14	LE/AF	0.5 mg
				9590-16	PE/CY5.5	100 tests
				9590-26	PACBLU	100 tests
				9590-27	AF700	100 tests
				9590-30	AF488	100 tests
9590-31	AF647	100 tests				
		Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD33-FITC (SB Cat. No. 9590-02) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).				
CD35	E11	Mouse IgG $_{1\kappa}$	FC, IHC-FS, IHC-PS, IP, WB, ELISA	9600-01	UNLB	0.1 mg
				9600-02	FITC	100 tests
				9600-09	PE	100 tests
		Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD35-FITC (SB Cat. No. 9600-02) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).				
CD36	SM $\phi$	Mouse IgM $\kappa$	FC, IHC-FS, IHC-PS, ICC, WB-NR, Block, Sep, ELISA	9605-01	UNLB	0.1 mg
				9605-02	FITC	100 tests
		Human platelets were stained with Mouse Anti-Human CD36-FITC (SB Cat. No. 9605-02).				

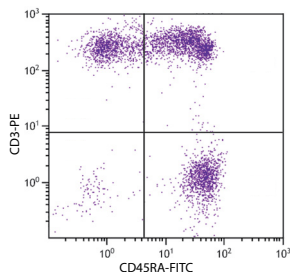
# Human Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD42b (GPIb $\alpha$ )	 <p>Human platelets were stained with Mouse Anti-Human CD42b-PE (SB Cat. No. 9615-09).</p>	Mouse IgG $_1$ $\kappa$	FC, IHC-FS, IHC-PS, ICC, IP, WB	9615-01	UNLB	0.1 mg
				9615-02	FITC	100 tests
				9615-08	BIOT	100 tests
				9615-09	PE	100 tests
				9615-11	APC	100 tests
				9615-13	SPRD	100 tests
				9615-14	LE/AF	0.5 mg
				CD43 (Leukosialin)	 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD43-PE (SB Cat. No. 9620-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).</p>	Mouse IgG $_1$ $\kappa$
9620-02	FITC	100 tests				
9620-08	BIOT	100 tests				
9620-09	PE	100 tests				
9620-11	APC	100 tests				
9620-13	SPRD	100 tests				
CD44 (Pgp-1)	 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD44-PE (SB Cat. No. 9400-09).</p>	Mouse IgG $_{2a}$ $\kappa$	FC, IHC-FS, IHC-PS, ICC, IP, WB, CMCD, Depletion, Adhesion, Activ, Block, Purification			
				9400-02	FITC	100 tests
				9400-02S	FITC	25 tests
				9400-08	BIOT	100 tests
				9400-09	PE	100 tests
				9400-09S	PE	25 tests
				9400-11	APC	100 tests
				9400-11S	APC	25 tests
				9400-13	SPRD	100 tests
				9400-14	LE/AF	0.5 mg
				9400-17	PE/CY7	100 tests
				9400-26	PACBLU	100 tests
				9400-27	AF700	100 tests
9400-30	AF488	100 tests				
9400-31	AF647	100 tests				
CD45 (LCA)	 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD45-PE (SB Cat. No. 9624-09).</p>	Mouse IgG $_1$ $\kappa$	FC, IHC-FS, IHC-PS, IP-NR, WB-NR	9624-01	UNLB	0.1 mg
				9624-02	FITC	100 tests
				9624-09	PE	100 tests
				9624-11	APC	100 tests
				9624-26	PACBLU	100 tests
				9624-30	AF488	100 tests
				9624-31	AF647	100 tests

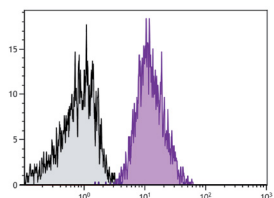
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD45 (LCA)	F10-89-4	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, ICC, IP, WB	9625-01	UNLB	0.1 mg
				9625-02	FITC	100 tests
				9625-02S	FITC	25 tests
				9625-08	BIOT	100 tests
				9625-09	PE	100 tests
				9625-09S	PE	25 tests
				9625-10	PE/TXRD	100 tests
				9625-11	APC	100 tests
				9625-11S	APC	25 tests
				9625-13	SPRD	100 tests
				9625-15	CY5	100 tests
				9625-16	PE/CY5.5	100 tests
				9625-17	PE/CY7	100 tests
				9625-27	AF700	100 tests
				CD45RA	F8-11-13	Mouse IgG <sub>1</sub> κ
9630-02	FITC	100 tests				
9630-09	PE	100 tests				
9630-13	SPRD	100 tests				
9630-27	AF700	100 tests				
CD49b (Integrin α <sub>2</sub> , VLA-2α)	HAS-4	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, ICC, IP, Block			
				9426-02	FITC	100 tests
				9426-09	PE	100 tests
CD49d (Integrin α <sub>4</sub> , VLA-4α)	7.2	Mouse IgG <sub>1</sub> κ	FC, ICC, WB, IP	9432-01	UNLB	0.1 mg
				9432-02	FITC	100 tests
				9432-09	PE	100 tests



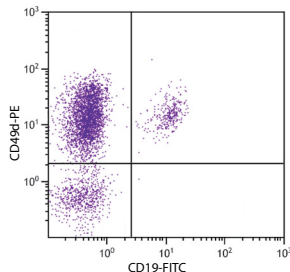
Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD45-PE/TXRD (SB Cat. No. 9625-10) and Mouse Anti-Human CD3-PE (SB Cat. No. 9515-09).



Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD45RA-FITC (SB Cat. No. 9630-02) and Mouse Anti-Human CD3-PE (SB Cat. No. 9515-09).

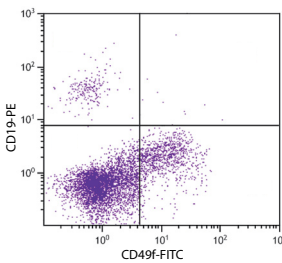
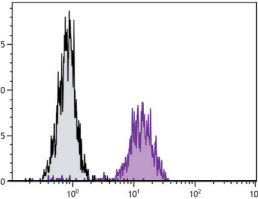
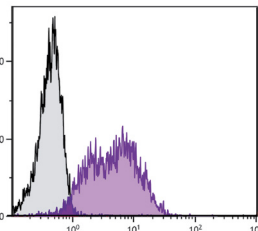
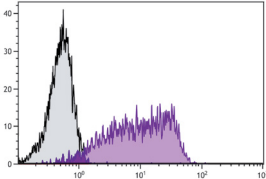


Human platelets were stained with Mouse Anti-Human CD49b-PE (SB Cat. No. 9426-09).



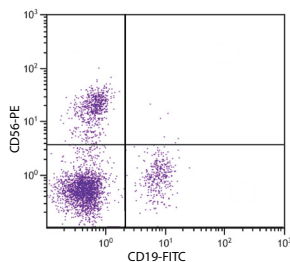
Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD49d-PE (SB Cat. No. 9432-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).

# Human Cell Surface Marker Antibodies

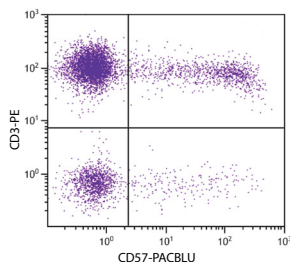
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD49f (Integrin $\alpha_6$ , VLA-6 $\alpha$ )	4F10	Mouse IgG <sub>2b</sub> $\kappa$	FC, IHC-FS, IHC-PS, IP	9650-01	UNLB	0.1 mg
				9650-02	FITC	100 tests
				9650-09	PE	100 tests
				 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD49f-FITC (SB Cat. No. 9650-02) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).</p>		
CD51 (Integrin $\alpha_V$ )	13C2	Mouse IgG <sub>1</sub> $\kappa$	FC, IHC-FS, ICC, IP, ELISA, Purification, Depletion, Block, Adhesion	9656-01	UNLB	0.1 mg
				9656-02	FITC	100 tests
				9656-09	PE	100 tests
				 <p>Human HPV-16 E6/E7 transformed cell line HS-5 was stained with Mouse Anti-Human CD51-PE (SB Cat. No. 9656-09).</p>		
CD54 (ICAM-1)	15.2	Mouse IgG <sub>1</sub> $\kappa$	FC, IHC-FS, ICC, IP, WB, Block, Neut, ELISA	9441-01	UNLB	0.1 mg
				9441-02	FITC	100 tests
				9441-08	BIOT	100 tests
				9441-09	PE	100 tests
				9441-11	APC	100 tests
				 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD54-PE (SB Cat. No. 9441-09).</p>		
CD55 (DAF)	143-30	Mouse IgG <sub>1</sub> $\kappa$	FC, IHC-FS, IHC-PS, IP, WB-NR	9661-01	UNLB	0.1 mg
				9661-02	FITC	100 tests
				9661-02S	FITC	25 tests
				9661-09	PE	100 tests
				9661-09S	PE	25 tests
				9661-13	SPRD	100 tests
				9661-28	BIMA	100 tests
				 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD55-PE (SB Cat. No. 9661-09).</p>		



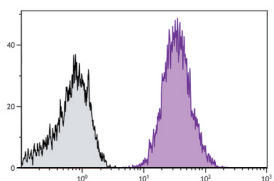
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD56 (NCAM)	MEM 188	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, ICC, Sep, Block	9456-01	UNLB	0.1 mg
				9456-02	FITC	100 tests
				9456-02S	FITC	25 tests
				9456-08	BIOT	100 tests
				9456-09	PE	100 tests
				9456-09S	PE	25 tests
				9456-13	SPRD	100 tests
				9456-16	PE/CY5.5	100 tests
				9456-26	PACBLU	100 tests
				9456-27	AF700	100 tests
9456-30	AF488	100 tests				
CD57 (NK-1)	NK-1	Mouse IgMκ	FC, IHC-FS, IHC-PS, ICC, IP, WB, Purification, Block, Adhesion	9665-01	UNLB	0.1 mg
				9665-02	FITC	100 tests
				9665-08	BIOT	100 tests
				9665-09	PE	100 tests
				9665-13	SPRD	100 tests
				9665-26	PACBLU	100 tests
				9665-31	AF647	100 tests
CD61 (Integrin β <sub>3</sub> )	PM6/13	Mouse IgG <sub>1</sub> κ	FC, ICC, IP, WB-NR, Block, Adhesion, ELISA	9470-01	UNLB	0.1 mg
				9470-02	FITC	100 tests
				9470-09	PE	100 tests
CD62E/CD62P (E-selectin/ P-selectin)	1.2B6	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP, WB-NR, ELISA, Block, Adhesion	9500-01	UNLB	0.1 mg
				9500-02	FITC	100 tests
				9500-08	BIOT	100 tests
				9500-09	PE	100 tests
				9500-11	APC	100 tests
				9500-13	SPRD	100 tests
9500-27	AF700	100 tests				
CD71 (TfR)	RVS-10	Mouse IgG <sub>1</sub> κ	FC, ICC, Drug Delivery	9670-01	UNLB	0.1 mg
				9670-02	FITC	100 tests
				9670-08	BIOT	100 tests
				9670-09	PE	100 tests
				9670-11	APC	100 tests
				9670-13	SPRD	100 tests
				9670-14	LE/AF	0.5 mg



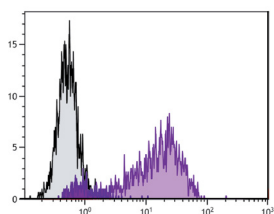
Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD56-PE (SB Cat. No. 9456-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).



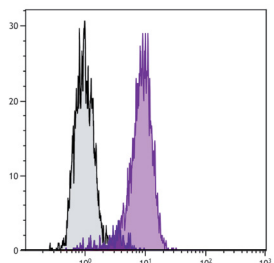
Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD57-PACBLU (SB Cat. No. 9665-26) and Mouse Anti-Human CD3-PE (SB Cat. No. 9515-09).



Human platelets were stained with Mouse Anti-Human CD61-PE (SB Cat. No. 9470-09).



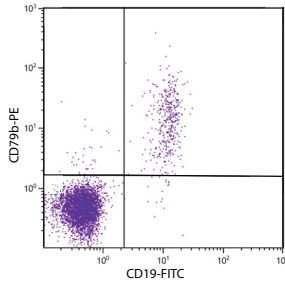
PMA and Ionomycin-stimulated human endothelial cell line HUV-EC-C was stained with Mouse Anti-Human CD62E/CD62P-PE (SB Cat. No. 9500-09).



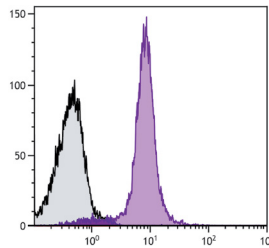
Human histiocytic lymphoma cell line U-937 was stained with Mouse Anti-Human CD71-FITC (SB Cat. No. 9670-02).

# Human Cell Surface Marker Antibodies

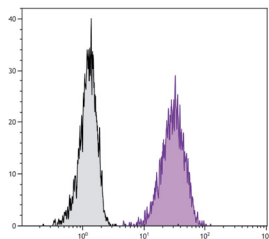
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD74	LN2	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP, WB, Block	9775-01	UNLB	0.1 mg
				9775-02	FITC	100 tests
				9775-08	BIOT	100 tests
				9775-09	PE	100 tests
				9775-14	LE/AF	0.5 mg
CD79b (Igβ)	CB3-1	Mouse IgG <sub>1</sub> κ	FC, IP, WB	9710-01	UNLB	0.1 mg
				9710-02	FITC	100 tests
				9710-08	BIOT	100 tests
				9710-09	PE	100 tests
				9710-11	APC	100 tests
				9710-13	SPRD	100 tests
CD95 (Fas, Apo-1)	DX2	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP, ELISA, Apop	9730-01	UNLB	0.1 mg
				9730-02	FITC	100 tests
				9730-02S	FITC	25 tests
				9730-08	BIOT	100 tests
				9730-09	PE	100 tests
				9730-09S	PE	25 tests
				9730-11	APC	100 tests
				9730-11S	APC	25 tests
				9730-14	LE/AF	0.5 mg
				9730-30	AF488	100 tests
				9730-31	AF647	100 tests
CD95 (Fas, Apo-1)	DX3	Mouse IgG <sub>2a</sub> κ	FC, IHC-PS, ELISA	9735-01	UNLB	0.1 mg
				9735-02	FITC	100 tests
				9735-08	BIOT	100 tests
				9735-09	PE	100 tests
				9735-11	APC	100 tests
				9735-13	SPRD	100 tests
				9735-14	LE/AF	0.5 mg
CD105 (Endoglin)	SN6	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP, WB-NR, Purification	9811-01	UNLB	0.1 mg
				9811-02	FITC	100 tests
				9811-09	PE	100 tests
				9811-11	APC	100 tests
				9811-30	AF488	100 tests
				9811-31	AF647	100 tests



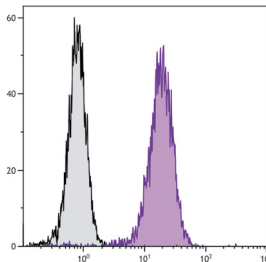
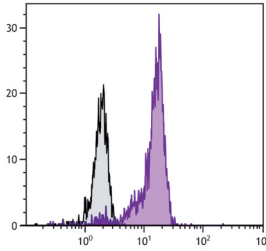
Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD79b-PE (SB Cat. No. 9710-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).



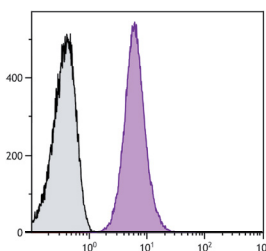
Human peripheral blood was stained with Mouse Anti-Human CD95-APC (SB Cat. No. 9730-11).



Human monocytic cell line U937 was stained with Mouse Anti-Human CD105-APC (SB Cat. No. 9811-11).

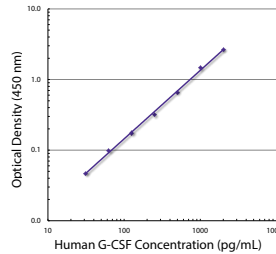
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD106 (VCAM-1)	1.G11B1	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP, WB-NR, ELISA, Block, Adhesion	9510-01	UNLB	0.1 mg
				9510-02	FITC	100 tests
				9510-08	BIOT	100 tests
				9510-09	PE	100 tests
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CD107a (LAMP-1)	H4A3	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, EM, IP, WB, Purification	9835-01	UNLB	0.1 mg
				9835-02	FITC	100 tests
				9835-02S	FITC	25 tests
				9835-08	BIOT	100 tests
				9835-09	PE	100 tests
				9835-09S	PE	25 tests
				9835-13	SPRD	100 tests
				9835-26	PACBLU	100 tests
				9835-31	AF647	100 tests
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CD107b (LAMP-2)	H4B4	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, EM, IP, WB, Purification	9840-01	UNLB	0.1 mg
				9840-02	FITC	100 tests
				9840-02S	FITC	25 tests
				9840-08	BIOT	100 tests
				9840-09	PE	100 tests
				9840-09S	PE	25 tests
				9840-13	SPRD	100 tests
				9840-26	PACBLU	100 tests
				9840-27	AF700	100 tests
				9840-30	AF488	100 tests
9840-31	AF647	100 tests				
			 <p>Human T lymphocyte cell line Jurkat was intracellularly stained with Mouse Anti-Human CD107b-UNLB (SB Cat. No. 9840-01) followed by Goat Anti-Mouse IgG<sub>1</sub>, Human ads-FITC (SB Cat. No. 1070-02).</p>			
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CD158e1 (KIR3DL1, NKB1)	DX9	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP, Block	9850-01	UNLB	0.1 mg
				9850-09	PE	100 tests
				9850-11	APC	100 tests
				9850-30	AF488	100 tests
				9850-31	AF647	100 tests
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CD178 (FasL)	SB93a	Mouse IgG <sub>2b</sub> κ	FC, IP	12115-01	UNLB	0.1 mg
				12115-02	FITC	0.1 mg
			 <p>1,10-Phenanthroline-stimulated human peripheral blood lymphocytes were stained with Mouse Anti-Human CD178-FITC (SB Cat. No. 12115-02).</p>			

# Human Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD235a (Glycophorin A)	CMRF14	Mouse IgG <sub>2b</sub> κ	FC	9861-01	UNLB	0.1 mg
				9861-09	PE	100 tests
 <p>Human red blood cells were stained with Mouse Anti-Human Glycophorin A-FITC (in development).</p>						
CD253 (TRAIL)	SB91a	Mouse IgG <sub>2b</sub> κ	ELISA	11040-01	UNLB	0.5 mg
				11040-08	BIOT	0.5 mg
CD253 (TRAIL)	SB91c	Mouse IgG <sub>2b</sub> κ	ELISA	11050-01	UNLB	0.5 mg
CD282 (TLR2)	2B4A1	Mouse IgG <sub>2a</sub> κ	FC	11000-01	UNLB	0.1 mg
				11000-02	FITC	100 tests
				11000-08	BIOT	0.1 mg
				11000-09	PE	100 tests
				11000-11	APC	100 tests
				11000-14	LE/AF	0.1 mg
CD284 (TLR4)	1E11	Mouse IgG <sub>2a</sub> κ	FC, ELISA, WB	11010-01	UNLB	0.1 mg
CD286 (TLR6)	3B6	Mouse IgG <sub>2a</sub> κ	ELISA	11020-01	UNLB	0.1 mg

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
G-CSF	BVD13-3A5	Rat IgG <sub>1</sub> κ	ELISA-Capture, IHC-FS, ICC, Neut	10127-01	UNLB	0.5 mg
				10127-14	LE/AF	0.5 mg

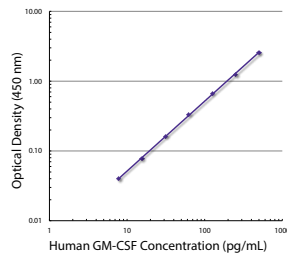
G-CSF	BVD11-37G10	Rat IgG <sub>2a</sub> κ	ELISA-Detection, IHC-FS, ICC, Drug Delivery	10128-01	UNLB	0.5 mg
				10128-08	BIOT	0.5 mg



Standard curve generated with Rat Anti-Human G-CSF-UNLB (SB Cat. No. 10127-01; Clone BVD13-3A5) and Rat Anti-Human G-CSF-BIOT (SB Cat. No. 10128-08; Clone BVD11-37G10) followed by Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05)

GM-CSF	BVD2-23B6	Rat IgG <sub>2a</sub> κ	ELISA-Capture, ELISPOT-Capture, IP, Neut, Multiplex-Capture	10111-01	UNLB	0.5 mg
				10111-14	LE/AF	0.5 mg

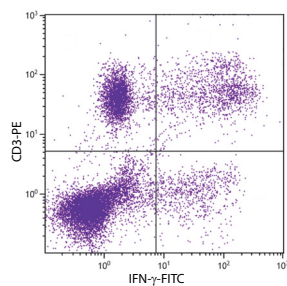
GM-CSF	BVD2-21C11	Rat IgG <sub>2a</sub> κ	ELISA-Detection, ELISPOT-Detection, FC, IHC-FS, IHC, ICC, IP, Neut, Multiplex-Detection	10112-01	UNLB	0.5 mg
				10112-08	BIOT	0.5 mg



Standard curve generated with Rat Anti-Human GM-CSF-UNLB (SB Cat. No. 10111-01; Clone BVD2-23B6) and Rat Anti-Human GM-CSF-BIOT (SB Cat. No. 10112-08; Clone BVD2-21C11) followed by Streptavidin-HRP (SB Cat. No. 7100-05)

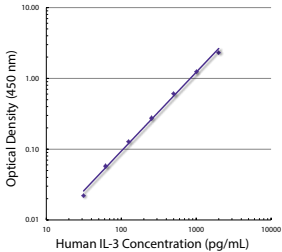
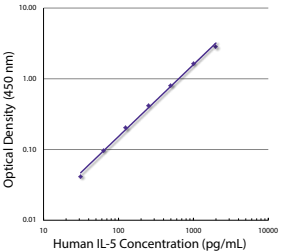
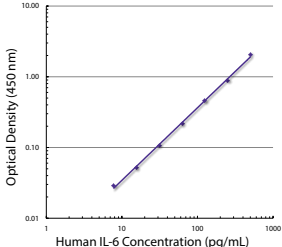
IFN-γ	A35	Mouse IgG <sub>1</sub> κ	ELISA-Capture	10113-01	UNLB	0.5 mg
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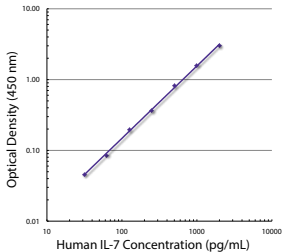
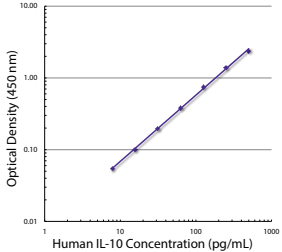
IFN-γ	B27	Mouse IgG <sub>1</sub> κ	ELISA-Detection, FC, ELISPOT-Capture, IHC-FS, ICC, IP, Neut, Multiplex-Capture	10114-01	UNLB	0.5 mg
				10114-02	FITC	100 tests
				10114-08	BIOT	0.5 mg
				10114-09	PE	100 tests
				10114-14	LE/AF	0.5 mg



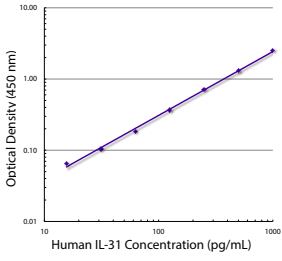
PMA and Ionomycin-stimulated human peripheral blood lymphocytes were intracellularly stained with Mouse Anti-Human IFN-γ-FITC (SB Cat. No. 10114-02) and Mouse Anti-Human CD3-PE (SB Cat. No. 9515-09).

# Human Cytokine Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IL-3	BVD8-3G11	Rat IgG <sub>1</sub> κ	ELISA-Capture, WB, IP, Neut	10115-01	UNLB	0.5 mg
				10115-14	LE/AF	0.5 mg
IL-3	BVD3-1F9	Rat IgG <sub>1</sub> κ	ELISA-Detection, FC, IHC-FS, WB, IP	10116-01	UNLB	0.5 mg
				10116-08	BIOT	0.5 mg
						 <p>Standard curve generated with Rat Anti-Human IL-3-UNLB (SB Cat. No. 10115-01; Clone BVD8-3G11) and Rat Anti-Human IL-3-BIOT (SB Cat. No. 10116-08; Clone BVD3-1F9) followed by Streptavidin-HRP (SB Cat. No. 7100-05)</p>
IL-4	MP4-25D2	Rat IgG <sub>1</sub> κ	ELISA-Detection, ELISA-Capture, ELISPOT-Capture, ELISPOT-Detection, FC, IHC-FS, Neut, Multiplex-Detection	10117-01	UNLB	0.5 mg
				10117-08	BIOT	0.5 mg
				10117-14	LE/AF	0.5 mg
IL-5	JES1-5A10	Rat IgG <sub>2a</sub> κ	ELISA-Capture, ELISA-Detection, ELISPOT-Detection, FC, Neut	10118-01	UNLB	0.5 mg
				10118-08	BIOT	0.5 mg
IL-5	JES1-39D10	Rat IgG <sub>2a</sub> κ	ELISA-Capture, ELISA-Detection, ELISPOT-Capture, FC, IHC-FS, ICC, Neut	10119-01	UNLB	0.5 mg
				10119-08	BIOT	0.5 mg
				10119-14	LE/AF	0.5 mg
						 <p>Standard curve generated with Rat Anti-Human IL-5-UNLB (SB Cat. No. 10118-01; Clone JES1-5A10) and Rat Anti-Human IL-5-BIOT (SB Cat. No. 10119-08; Clone JES1-39D10) followed by Streptavidin-HRP (SB Cat. No. 7100-05)</p>
IL-6	MQ2-13A5	Rat IgG <sub>1</sub> κ	ELISA-Capture, ELISA-Detection, ELISPOT-Capture, FC, IP, Neut, Multiplex-Capture	10120-01	UNLB	0.5 mg
				10120-14	LE/AF	0.5 mg
IL-6	MQ2-39C3	Rat IgG <sub>2a</sub> κ	ELISA-Detection, ELISA-Capture, ELISPOT-Detection, Neut, Multiplex-Detection	10121-01	UNLB	0.5 mg
				10121-08	BIOT	0.5 mg
						 <p>Standard curve generated with Rat Anti-Human IL-6-UNLB (SB Cat. No. 10120-01; Clone MQ2-13A5) and Rat Anti-Human IL-6-BIOT (SB Cat. No. 10121-08; Clone MQ2-39C3) followed by Streptavidin-HRP (SB Cat. No. 7100-05)</p>

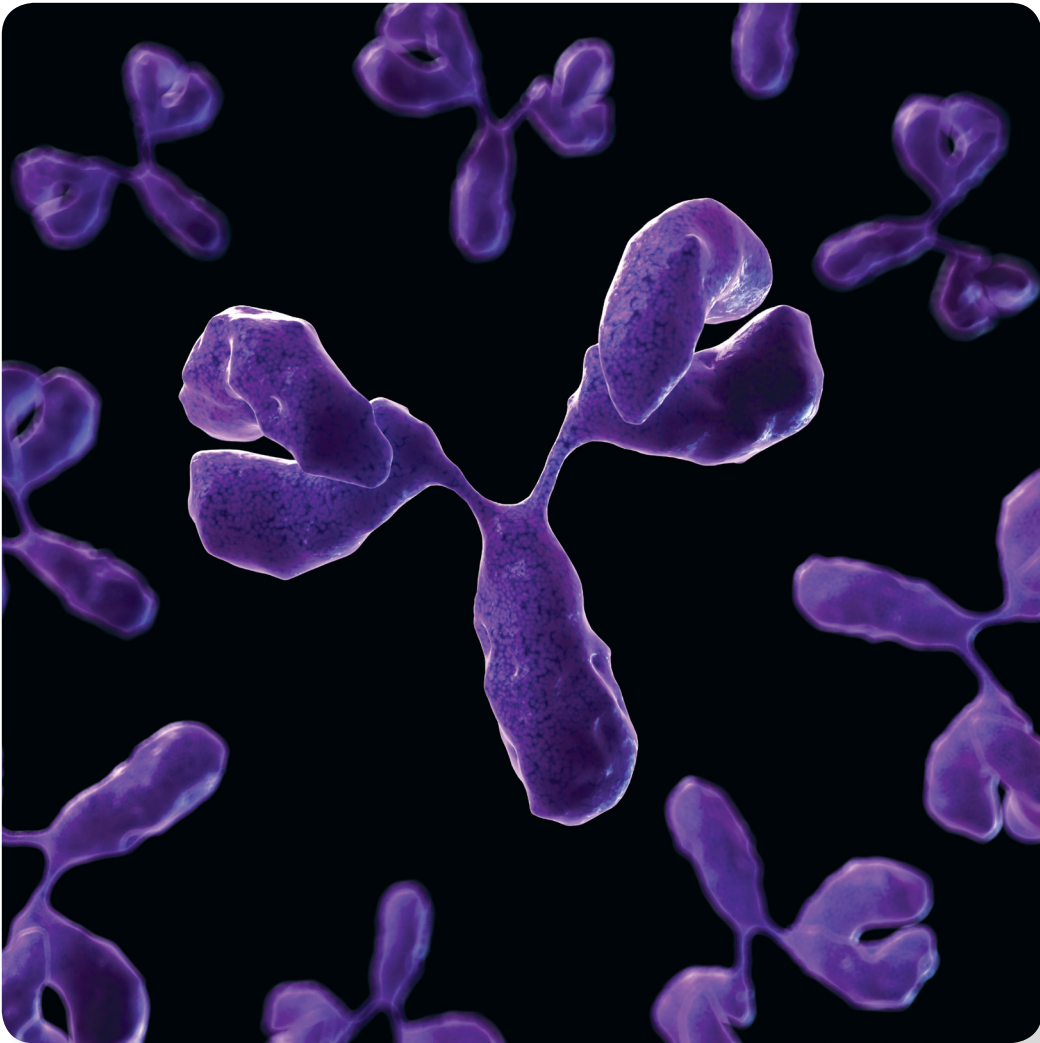
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IL-7	BVD10-40F6	Rat IgG <sub>1</sub> κ	ELISA-Capture, ICC, Neut	10122-01	UNLB	0.5 mg
				10122-14	LE/AF	0.5 mg
IL-7	BVD10-11C10	Rat IgG <sub>2a</sub> κ	ELISA-Detection	10123-01	UNLB	0.5 mg
				10123-08	BIOT	0.5 mg
			 <p>Standard curve generated with Rat Anti-Human IL-7-UNLB (SB Cat. No. 10122-01; Clone BVD10-40F6) and Rat Anti-Human IL-7-BIOT (SB Cat. No. 10123-08; Clone BVD10-11C10) followed by Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05)</p>			
IL-10	JES3-9D7	Rat IgG <sub>1</sub> κ	ELISA-Capture, ELISPOT-Capture, FC, IHC-FS, IHC-PS, WB, Neut, Multiplex-Capture	10100-01	UNLB	0.5 mg
				10100-14	LE/AF	0.5 mg
IL-10	JES3-12G8	Rat IgG <sub>2a</sub> κ	ELISA-Detection, ELISPOT-Detection, IHC-FS, IHC-PS, WB, Neut, Multiplex-Detection	10110-01	UNLB	0.5 mg
				10110-08	BIOT	0.5 mg
			 <p>Standard curve generated with Rat Anti-Human IL-10-UNLB (SB Cat. No. 10100-01; Clone JES3-9D7) and Rat Anti-Human IL-10-BIOT (SB Cat. No. 10110-08; Clone JES3-12G8) followed by Streptavidin-HRP (SB Cat. No. 7100-05)</p>			
IL-13	JES10-35G12	Rat IgG <sub>2a</sub> κ	ELISA-Capture	10124-01	UNLB	0.5 mg
IL-13	JES10-5A2	Rat IgG <sub>1</sub> κ	ELISA-Capture, ELISA-Detection, ELISPOT-Detection, FC, IHC-FS, ICC, Neut	10125-01	UNLB	0.5 mg
				10125-14	LE/AF	0.5 mg
IL-13	JES10-2E10	Rat IgG <sub>1</sub> κ	ELISA-Detection	10126-01	UNLB	0.5 mg
				10126-08	BIOT	0.5 mg
IL-13	SB126d	Rat IgG <sub>1</sub> κ	ELISA-Detection	15930-01	UNLB	0.5 mg
				15930-08	BIOT	0.5 mg
IL-18	SB116c	Mouse IgG <sub>3</sub> κ	ELISA	15800-01	UNLB	0.5 mg
				15800-08	BIOT	0.5 mg

# Human Cytokine Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IL-21	SB134b	Mouse IgG <sub>2b</sub> κ	ELISA-Capture	15900-01	UNLB	0.5 mg
IL-21	SB134f	Mouse IgG <sub>2a</sub> κ	ELISA-Detection	15910-01	UNLB	0.5 mg
				15910-08	BIOT	0.5 mg
IL-25	SB129e	Mouse IgG <sub>2b</sub> κ	ELISA	15640-01	UNLB	0.5 mg
IL-25	SB129a	Mouse IgG <sub>1</sub> κ	ELISA	15650-01	UNLB	0.5 mg
IL-31	SB118b	Mouse IgG <sub>2b</sub> κ	ELISA	15630-01	UNLB	0.1 mg
				15630-08	BIOT	0.1 mg
 <p>Standard curve generated with Mouse Anti-Human IL-31-UNLB and Mouse Anti-Human IL-31-BIOT (SB Cat. No. 15630-08; Clone SB118b) followed by Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05)</p>						
IL-33	SB127c	Mouse IgG <sub>2b</sub> κ	ELISA	15700-01	UNLB	0.5 mg
				15700-08	BIOT	0.5 mg
IL-33	SB127j	Mouse IgG <sub>2a</sub> κ	ELISA	15710-01	UNLB	0.5 mg
				15710-08	BIOT	0.5 mg



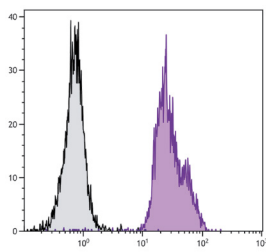
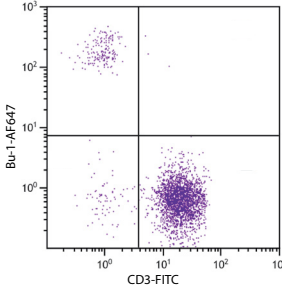
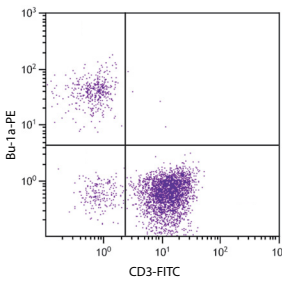
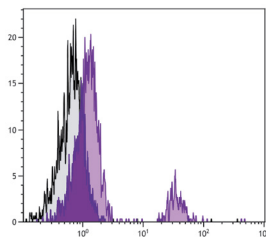
# Chicken Immunology Antibodies

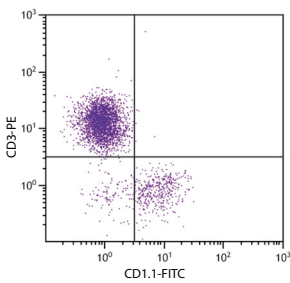
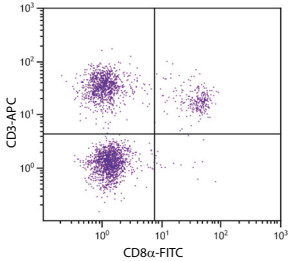
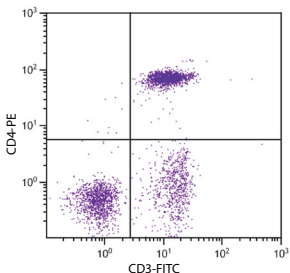
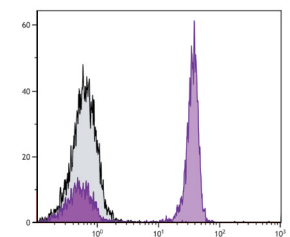


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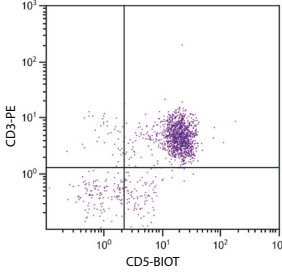
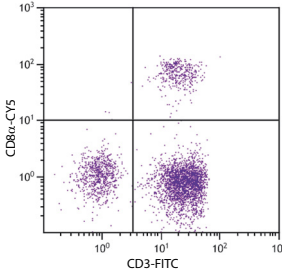
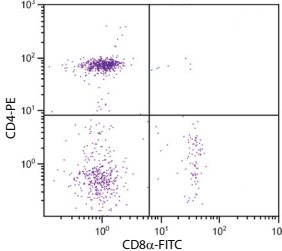
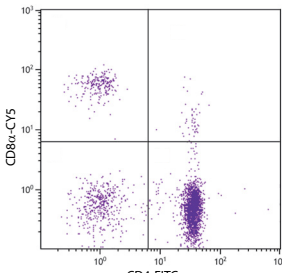
[www.SouthernBiotech.com](http://www.SouthernBiotech.com) [info@SouthernBiotech.com](mailto:info@SouthernBiotech.com)  
Toll Free 800.722.2255 Tel 205.945.1774 Fax 205.945.8768

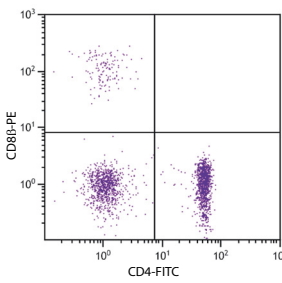
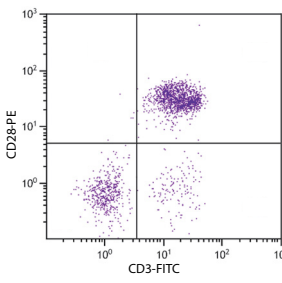
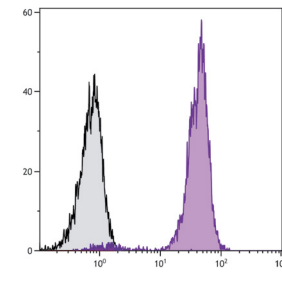
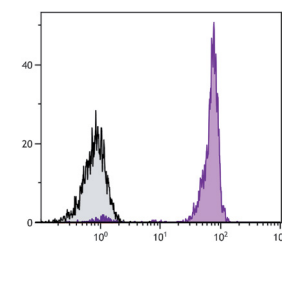
# Chicken Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
β <sub>2</sub> -Microglobulin	F21-21	Mouse IgG <sub>1</sub> κ	FC, ICC, IP, WB, Purification	8355-01	UNLB	0.5 mg
				8355-02	FITC	0.5 mg
				8355-08	BIOT	0.5 mg
				8355-09	PE	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken β<sub>2</sub>-Microglobulin-FITC (SB Cat. No. 8355-02).</p>						
Bu-1	AV20	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP	8395-01	UNLB	0.5 mg
				8395-02	FITC	0.5 mg
				8395-08	BIOT	0.5 mg
				8395-09	PE	0.1 mg
				8395-30	AF488	0.1 mg
				8395-31	AF647	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken Bu-1-AF647 (SB Cat. No. 8395-31) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).</p>						
Bu-1a	21-1A4	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP, Apop	8365-01	UNLB	0.5 mg
				8365-02	FITC	0.5 mg
				8365-08	BIOT	0.5 mg
				8365-09	PE	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken Bu-1a-PE (SB Cat. No. 8365-09) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).</p>						
Bu-1b	5-11G2	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP, Apop	8370-01	UNLB	0.5 mg
				8370-02	FITC	0.5 mg
				8370-08	BIOT	0.5 mg
				8370-09	PE	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken Bu-1b-FITC (SB Cat. No. 8370-02).</p>						

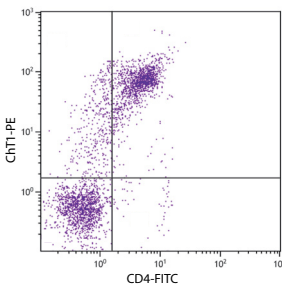
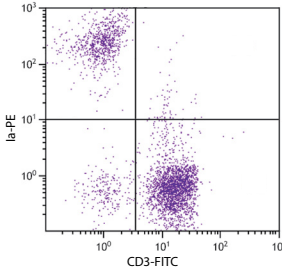
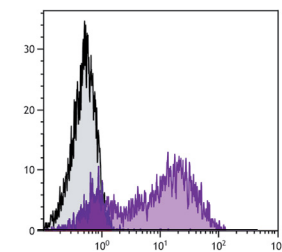
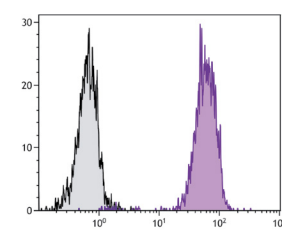
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD1.1	CB3	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP	8430-01	UNLB	0.5 mg
				8430-02	FITC	0.5 mg
				8430-08	BIOT	0.5 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD1.1-FITC (SB Cat. No. 8430-02) and Mouse Anti-Chicken CD3-PE (SB Cat. No. 8200-09).</p>						
CD3	CT-3	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, IP, Stim	8200-01	UNLB	0.5 mg
				8200-02	FITC	0.5 mg
				8200-08	BIOT	0.5 mg
				8200-09	PE	0.1 mg
				8200-11	APC	0.1 mg
				8200-13	SPRD	0.1 mg
				8200-26	PACBLU	0.1 mg
				8200-27	AF700	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD3-APC (SB Cat. No. 8200-11) and Mouse Anti-Chicken CD8α-FITC (SB Cat. No. 8220-02).</p>						
CD4	CT-4	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, IP, Block	8210-01	UNLB	0.5 mg
				8210-02	FITC	0.5 mg
				8210-08	BIOT	0.5 mg
				8210-09	PE	0.1 mg
				8210-11	APC	0.1 mg
				8210-26	PACBLU	0.1 mg
				8210-27	AF700	0.1 mg
				8210-30	AF488	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD4-PE (SB Cat. No. 8210-09) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).</p>						
CD4	EP96	Mouse IgMκ	FC, IP	8255-01	UNLB	0.5 mg
				8255-02	FITC	0.5 mg
				8255-08	BIOT	0.5 mg
				8255-09	PE	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD4-PE (SB Cat. No. 8255-09).</p>						

# Chicken Cell Surface Marker Antibodies

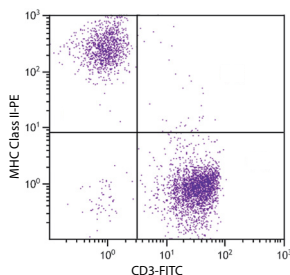
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD5	2-191	Mouse IgG <sub>1</sub> κ	FC, ICC, IP	8360-01	UNLB	0.5 mg
				8360-02	FITC	0.5 mg
				8360-08	BIOT	0.5 mg
				8360-09	PE	0.1 mg
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD5-BIOT (SB Cat. No. 8360-08) and Mouse Anti-Chicken CD3-PE (SB Cat. No. 8200-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).</p>			
CD8α	CT-8	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP, Block	8220-01	UNLB	0.5 mg
				8220-02	FITC	0.5 mg
				8220-08	BIOT	0.5 mg
				8220-09	PE	0.1 mg
				8220-11	APC	0.1 mg
				8220-13	SPRD	0.1 mg
				8220-15	CY5	0.1 mg
				8220-26	PACBLU	0.1 mg
				8220-27	AF700	0.1 mg
				8220-30	AF488	0.1 mg
				8220-31	AF647	0.1 mg
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD8α-CY5 (SB Cat. No. 8220-15) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).</p>			
CD8α	EP72	Mouse IgG <sub>2b</sub> κ	FC, IHC-FS	8390-01	UNLB	0.5 mg
				8390-02	FITC	0.5 mg
				8390-08	BIOT	0.5 mg
				8390-09	PE	0.1 mg
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD8α-FITC (SB Cat. No. 8390-02) and Mouse Anti-Chicken CD4-PE (SB Cat. No. 8210-09).</p>			
CD8α	3-298	Mouse IgG <sub>2b</sub> κ	FC, IHC-FS, IP, WB, Sep	8405-01	UNLB	0.5 mg
				8405-02	FITC	0.5 mg
				8405-08	BIOT	0.5 mg
				8405-09	PE	0.1 mg
				8405-15	CY5	0.1 mg
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD8α-CY5 (SB Cat. No. 8405-15) and Mouse Anti-Chicken CD4-FITC (SB Cat. No. 8210-02).</p>			

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD8 $\beta$	EP42	Mouse IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, IP	8280-01	UNLB	0.5 mg
				8280-02	FITC	0.5 mg
				8280-08	BIOT	0.5 mg
				8280-09	PE	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD8<math>\beta</math>-PE (SB Cat. No. 8280-09) and Mouse Anti-Chicken CD4-FITC (SB Cat. No. 8210-02).</p>						
CD28	AV7	Mouse IgG <sub>1</sub> $\kappa$	FC, IHC-FS, ICC, IP, Costim	8260-01	UNLB	0.5 mg
				8260-02	FITC	0.5 mg
				8260-08	BIOT	0.5 mg
				8260-09	PE	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD28-PE (SB Cat. No. 8260-09) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).</p>						
CD44	AV6	Mouse IgG <sub>1</sub> $\kappa$	FC, IHC-FS	8400-01	UNLB	0.5 mg
				8400-02	FITC	0.5 mg
				8400-08	BIOT	0.5 mg
				8400-09	PE	0.1 mg
				8400-11	APC	0.1 mg
				8400-13	SPRD	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD44-FITC (SB Cat. No. 8400-02).</p>						
CD45	LT40	Mouse IgM $\kappa$	FC, IHC-FS, IHC-PS, IHC-WM, IP, Sep	8270-01	UNLB	0.5 mg
				8270-02	FITC	0.5 mg
				8270-08	BIOT	0.5 mg
				8270-09	PE	0.1 mg
				8270-11	APC	0.1 mg
				8270-13	SPRD	0.1 mg
				8270-30	AF488	0.1 mg
 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken CD45-FITC (SB Cat. No. 8270-02).</p>						

# Chicken Cell Surface Marker Antibodies

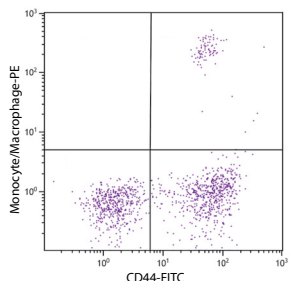
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
ChT1	CT1	Mouse IgG <sub>1</sub> κ	FC, IP	8410-01	UNLB	0.5 mg
				8410-02	FITC	0.5 mg
				8410-08	BIOT	0.5 mg
				8410-09	PE	0.1 mg
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken ChT1-PE (SB Cat. No. 8410-09) and Mouse Anti-Chicken CD4-FITC (SB Cat. No. 8210-02).</p>			
c-Kit	kit2c75	Mouse IgG <sub>2a</sub> κ	FC	8380-01	UNLB	0.5 mg
				8380-02	FITC	0.5 mg
				8380-08	BIOT	0.5 mg
				8380-09	PE	0.1 mg
Ia	Cla	Mouse IgMκ	FC, IHC-FS, ICC, IP, Block	8290-01	UNLB	0.5 mg
				8290-02	FITC	0.5 mg
				8290-08	BIOT	0.5 mg
				8290-09	PE	0.1 mg
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken Ia-PE (SB Cat. No. 8290-09) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).</p>			
MCAM	C264	Mouse IgG <sub>2b</sub> κ	FC, ICC, IP	8385-01	UNLB	0.5 mg
				8385-02	FITC	0.5 mg
				8385-08	BIOT	0.5 mg
				8385-09	PE	0.1 mg
			 <p>Chicken thymocytes were stained with Mouse Anti-Chicken MCAM-PE (SB Cat. No. 8385-09).</p>			
MHC Class I	F21-2	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, EM, IP, WB, Purification, Block	8345-01	UNLB	0.5 mg
				8345-02	FITC	0.5 mg
				8345-08	BIOT	0.5 mg
				8345-09	PE	0.1 mg
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken MHC Class I-FITC (SB Cat. No. 8345-02).</p>			

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
MHC Class II	2G11	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, EM, IP, Purification	8350-01	UNLB	0.5 mg
				8350-02	FITC	0.5 mg
				8350-08	BIOT	0.5 mg
				8350-09	PE	0.1 mg
				8350-30	AF488	0.1 mg



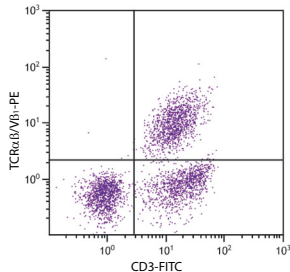
Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken MHC Class II-PE (SB Cat. No. 8350-09) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).

Monocyte/ Macrophage	KUL01	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC	8420-01	UNLB	0.5 mg
				8420-02	FITC	0.5 mg
				8420-08	BIOT	0.5 mg
				8420-09	PE	0.1 mg
				8420-30	AF488	0.1 mg



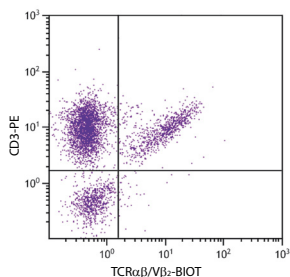
Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken Monocyte/Macrophage-PE (SB Cat. No. 8420-09) and Mouse Anti-Chicken CD44-FITC (SB Cat. No. 8400-02).

TCRαβ/Vβ <sub>1</sub>	TCR-2	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, IP, Depletion, Stim	8240-01	UNLB	0.5 mg
				8240-02	FITC	0.5 mg
				8240-08	BIOT	0.5 mg
				8240-09	PE	0.1 mg



Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken TCRαβ/Vβ<sub>1</sub>-PE (SB Cat. No. 8240-09) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).

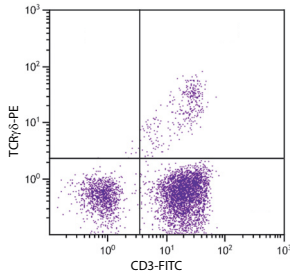
TCRαβ/Vβ <sub>2</sub>	TCR-3	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IP, Depletion	8250-01	UNLB	0.5 mg
				8250-02	FITC	0.5 mg
				8250-08	BIOT	0.5 mg
				8250-09	PE	0.1 mg
				8250-13	SPRD	0.1 mg



Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken TCRαβ/Vβ<sub>2</sub>-BIOT (SB Cat. No. 8250-08) and Mouse Anti-Chicken CD3-PE (SB Cat. No. 8200-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).

# Chicken Cell Surface Marker Antibodies

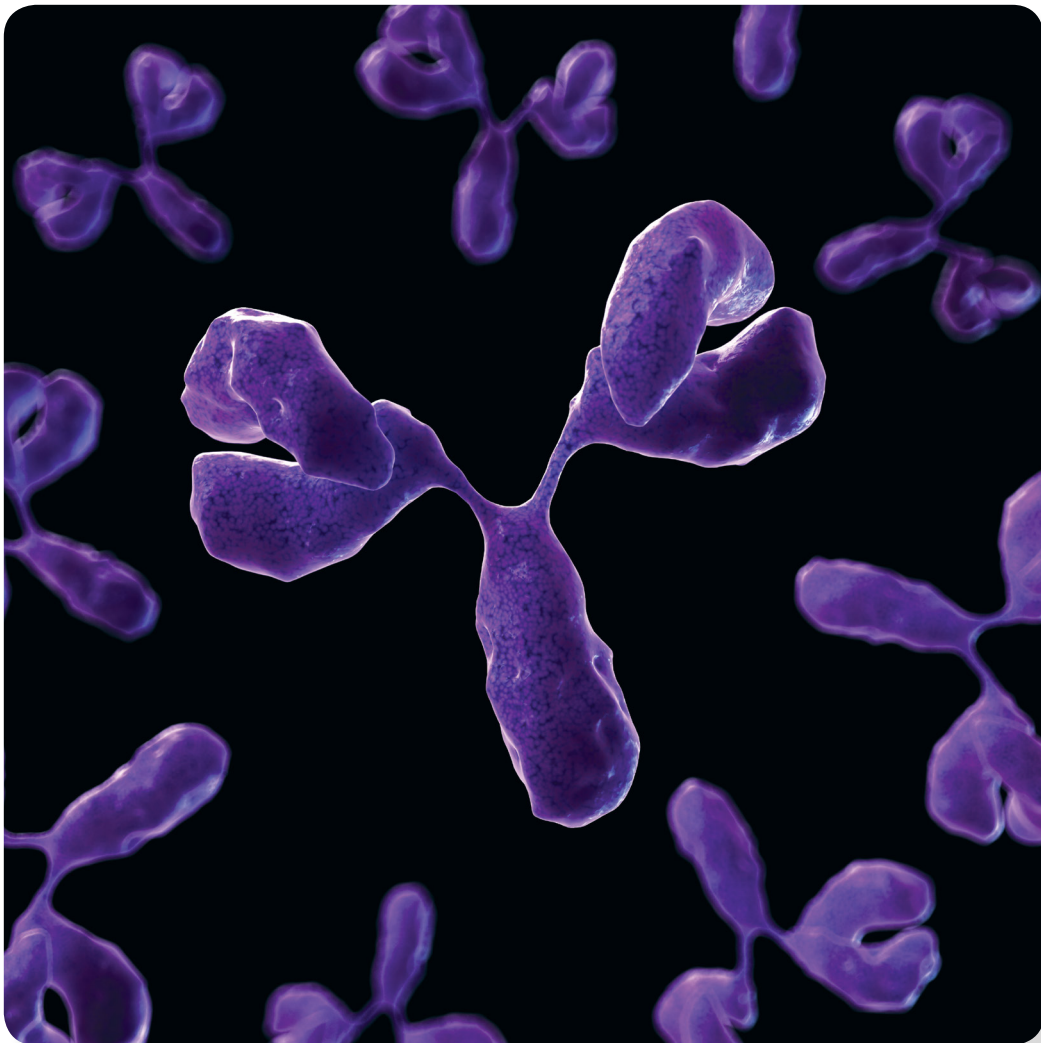
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
TCR $\gamma\delta$	TCR-1	Mouse IgG $_{1\kappa}$	FC, IHC-FS, IHC-PS, IP, Depletion	8230-01	UNLB	0.5 mg
				8230-02	FITC	0.5 mg
				8230-08	BIOT	0.5 mg
				8230-09	PE	0.1 mg
				8230-30	AF488	0.1 mg



Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken TCR $\gamma\delta$ -PE (SB Cat. No. 8230-09) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).



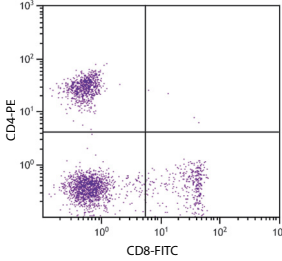
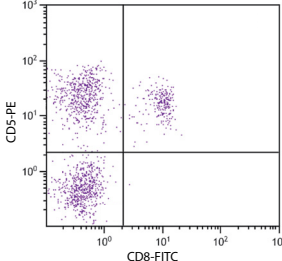
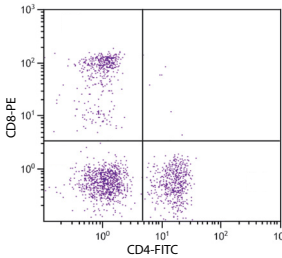
# Feline Immunology Antibodies



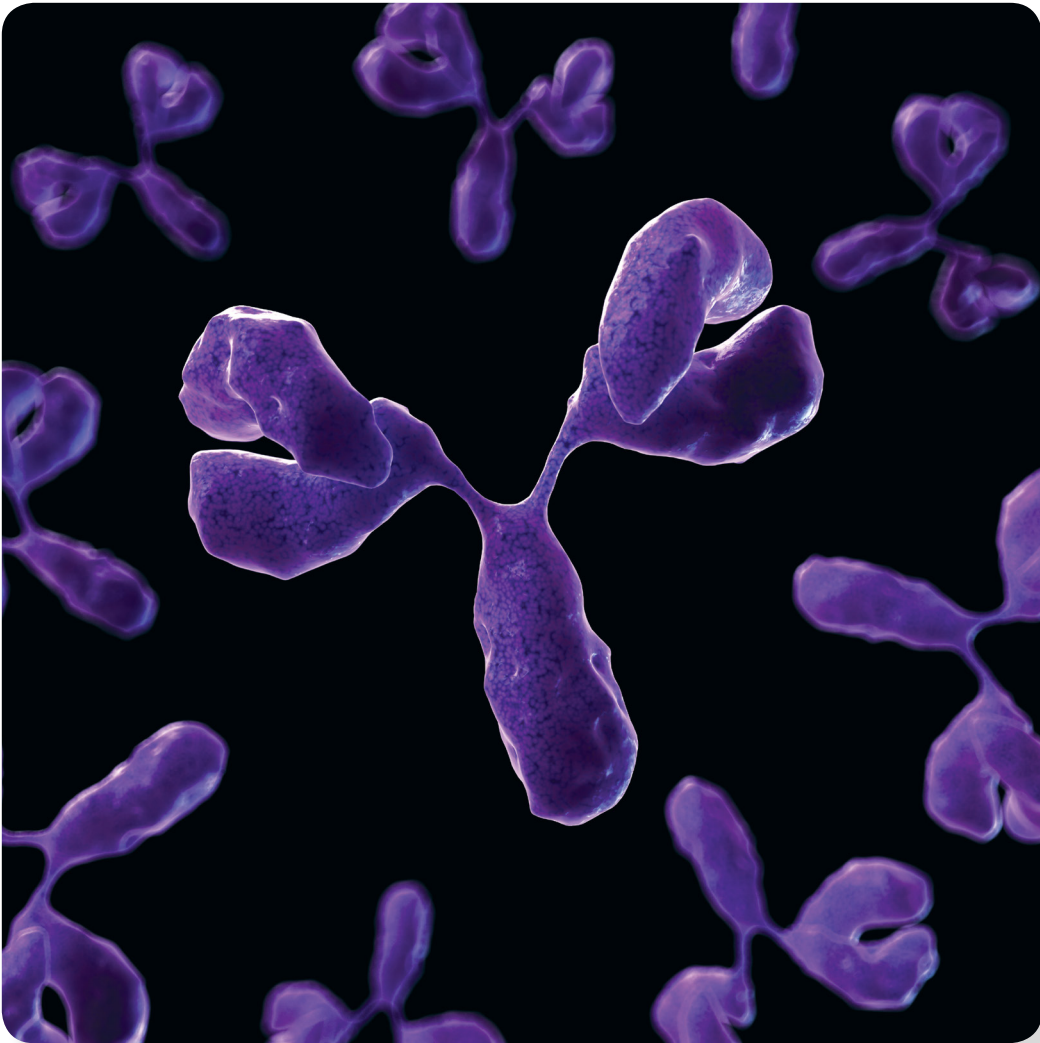
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# Feline Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD4	3-4F4 (Fel7)	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP, Sep, Block	8130-01	UNLB	0.5 mg
				8130-02	FITC	0.5 mg
				8130-08	BIOT	0.5 mg
				8130-09	PE	0.1 mg
			 <p>Feline peripheral blood lymphocytes were stained with Mouse Anti-Feline CD4-PE (SB Cat. No. 8130-09) and Mouse Anti-Feline CD8-FITC (SB Cat. No. 8120-02).</p>			
CD5	f43	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IP, ELISA	8100-01	UNLB	0.5 mg
				8100-02	FITC	0.5 mg
				8100-08	BIOT	0.5 mg
				8100-09	PE	0.1 mg
			 <p>Feline peripheral blood lymphocytes were stained with Mouse Anti-Feline CD5-PE (SB Cat. No. 8100-09) and Mouse Anti-Feline CD8-FITC (SB Cat. No. 8120-02).</p>			
CD8	fCD8 (FT2)	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP, Sep	8120-01	UNLB	0.5 mg
				8120-02	FITC	0.5 mg
				8120-08	BIOT	0.5 mg
				8120-09	PE	0.1 mg
			 <p>Feline peripheral blood lymphocytes were stained with Mouse Anti-Feline CD8-PE (SB Cat. No. 8120-09) and Mouse Anti-Feline CD4-FITC (SB Cat. No. 8130-02).</p>			

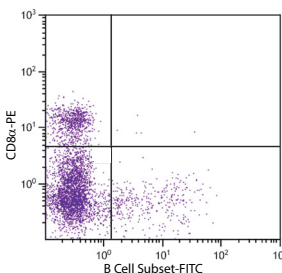
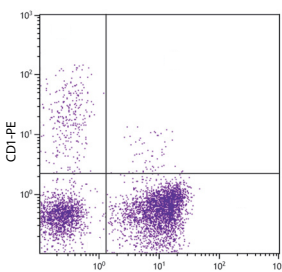
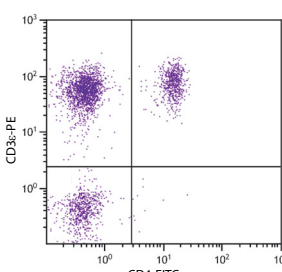
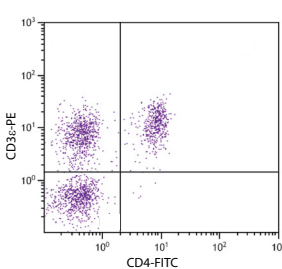
# Porcine Immunology Antibodies



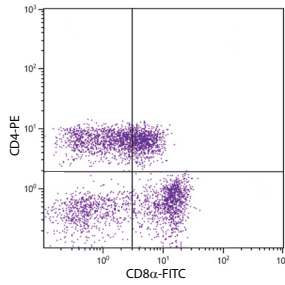
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# Porcine Cell Surface Marker Antibodies

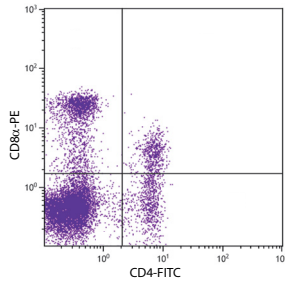
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
B Cell Subset	BB6-10A10	Mouse IgM $\kappa$	FC	4550-01	UNLB	0.5 mg
				4550-02	FITC	0.5 mg
				4550-08	BIOT	0.5 mg
				4550-09	PE	0.1 mg
			 <p>Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine B Cell Subset-FITC (SB Cat. No. 4550-02) and Mouse Anti-Porcine CD8<math>\alpha</math>-PE (SB Cat. No. 4520-09).</p>			
CD1	76-7-4	Mouse IgG <sub>2a</sub> $\kappa$	FC, IHC-FS, ICC, IP, CMCD	4500-01	UNLB	0.5 mg
				4500-02	FITC	0.5 mg
				4500-08	BIOT	0.5 mg
				4500-09	PE	0.1 mg
			 <p>Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD1-PE (SB Cat. No. 4500-09) and Mouse Anti-Porcine CD3<math>\epsilon</math>-FITC (SB Cat. No. 4510-02).</p>			
CD3 $\epsilon$	PPT3	Mouse IgG <sub>1</sub> $\kappa$	FC, IHC-FS, IHC-PS, IP, WB, Sep, Stim, Cyto	4510-01	UNLB	0.5 mg
				4510-02	FITC	0.5 mg
				4510-08	BIOT	0.5 mg
				4510-09	PE	0.1 mg
				4510-11	APC	0.1 mg
				4510-13	SPRD	0.1 mg
4510-30	AF488	0.1 mg				
			 <p>Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD3<math>\epsilon</math>-PE (SB Cat. No. 4510-09) and Mouse Anti-Porcine CD4-FITC (SB Cat. No. 4515-02).</p>			
CD3 $\epsilon$	BB23-8E6	Mouse IgG <sub>2b</sub> $\kappa$	FC, IHC-FS, IP	4511-01	UNLB	0.5 mg
				4511-02	FITC	0.5 mg
				4511-08	BIOT	0.5 mg
				4511-09	PE	0.1 mg
			 <p>Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD3<math>\epsilon</math>-PE (SB Cat. No. 4511-09) and Mouse Anti-Porcine CD4-FITC (SB Cat. No. 4515-02).</p>			

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
CD4	74-12-4	Mouse IgG <sub>2b</sub> κ	FC, IHC-FS, IHC-PS, IP, Sep, Block, CMCD	4515-01	UNLB	0.5 mg
				4515-02	FITC	0.5 mg
				4515-08	BIOT	0.5 mg
				4515-09	PE	0.1 mg
				4515-11	APC	0.1 mg
				4515-13	SPRD	0.1 mg
				4515-30	AF488	0.1 mg



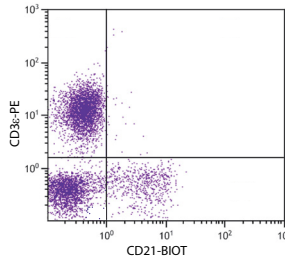
Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD4-PE (SB Cat. No. 4515-09) and Mouse Anti-Porcine CD8α-FITC (SB Cat. No. 4520-02).

CD8α	76-2-11	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, IHC-PS, IP, Block, Depletion, CMCD	4520-01	UNLB	0.5 mg
				4520-02	FITC	0.5 mg
				4520-08	BIOT	0.5 mg
				4520-09	PE	0.1 mg
				4520-11	APC	0.1 mg
				4520-13	SPRD	0.1 mg
				4520-30	AF488	0.1 mg



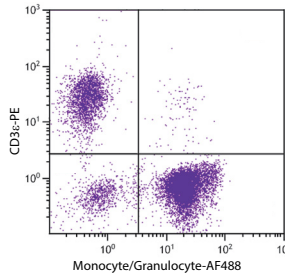
Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD8α-PE (SB Cat. No. 4520-09) and Mouse Anti-Porcine CD4-FITC (SB Cat. No. 4515-02).

CD21	BB6-11C9.6	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IP, Sep	4530-01	UNLB	0.5 mg
				4530-02	FITC	0.5 mg
				4530-08	BIOT	0.5 mg
				4530-09	PE	0.1 mg
				4530-30	AF488	0.1 mg



Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD21-BIOT (SB Cat. No. 4530-08) and Mouse Anti-Porcine CD3ε-PE (SB Cat. No. 4510-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).

Monocyte/ Granulocyte (SWC3a)	74-22-15	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, ICC, IP, ELISA, Sep	4525-01	UNLB	0.5 mg
				4525-02	FITC	0.5 mg
				4525-08	BIOT	0.5 mg
				4525-09	PE	0.1 mg
				4525-30	AF488	0.1 mg

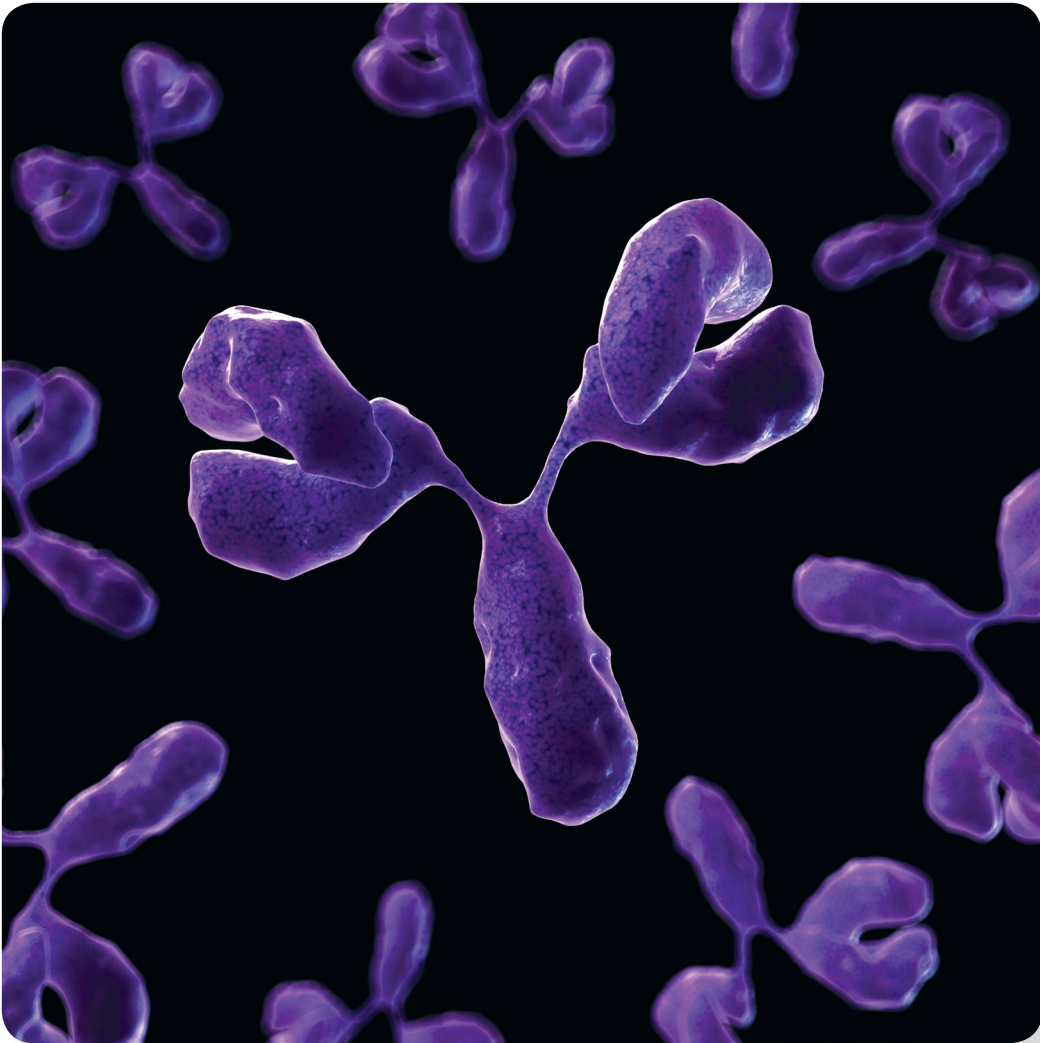


Porcine small lymphocytes, monocytes, and granulocytes were stained with Mouse Anti-Porcine Monocyte/Granulocyte-AF488 (SB Cat. No. 4525-30) and Mouse Anti-Porcine CD3ε-PE (SB Cat. No. 4510-09).

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# Rabbit Immunology Antibodies

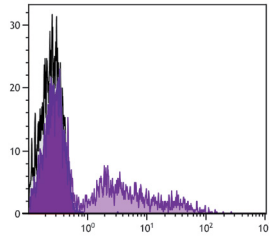


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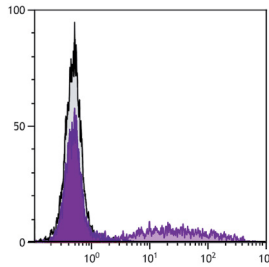
## Rabbit Cell Surface Marker Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
RLA-DQ	2C4	Mouse IgG <sub>2a</sub> κ	FC, IHC-FS, IP	4080-01	UNLB	0.5 mg
				4080-02	FITC	0.5 mg
				4080-08	BIOT	0.5 mg
				4080-09	PE	0.1 mg



Rabbit peripheral blood lymphocytes were stained with Mouse Anti-Rabbit RLA-DQ-FITC (SB Cat. No. 4080-02).

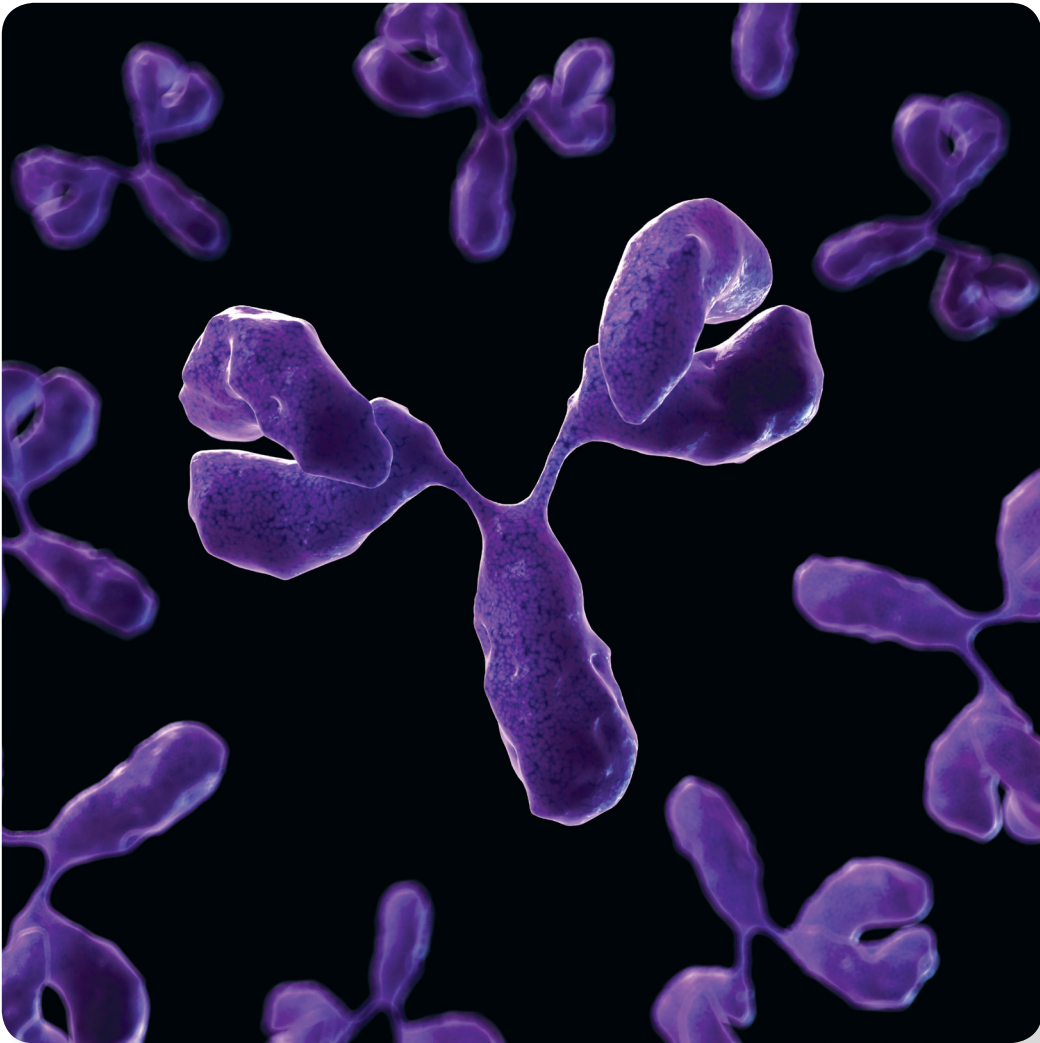
RLA-DR	RDR34	Mouse IgG <sub>2b</sub> κ	FC, IHC-FS, IP	4070-01	UNLB	0.5 mg
				4070-02	FITC	0.5 mg
				4070-08	BIOT	0.5 mg
				4070-09	PE	0.1 mg



Rabbit peripheral blood lymphocytes were stained with Mouse Anti-Rabbit RLA-DR-FITC (SB Cat. No. 4070-02).



# Apoptosis Antibodies & Reagents

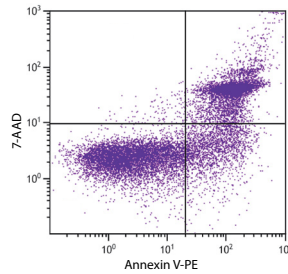
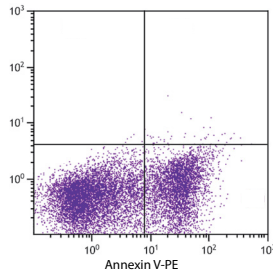


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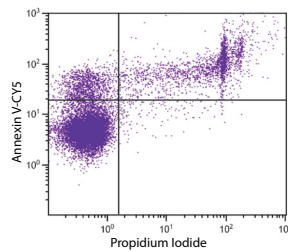
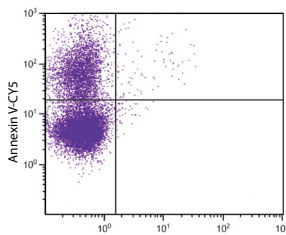
Description	Kit Components	Cat. No.	Format	Size
ApoScreen® Annexin V Apoptosis Kit-FITC	ApoScreen® Annexin V-FITC (SB Cat. No. 10040-02) ApoScreen® Propidium Iodide (PI) (SB Cat. No. 10044-01) ApoScreen® Annexin V Binding Buffer 10X (SB Cat. No. 10045-01)	10010-02	FITC	100 tests

ApoScreen® Annexin V Apoptosis Kit-PE	ApoScreen® Annexin V-PE (SB Cat. No. 10040-09) ApoScreen® 7-AAD (SB Cat. No. 10042-01) ApoScreen® Annexin V Binding Buffer 10X (SB Cat. No. 10045-01)	10010-09	PE	100 tests
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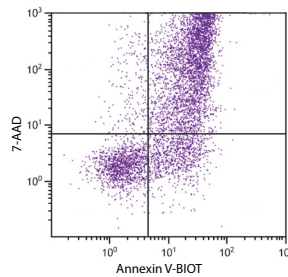
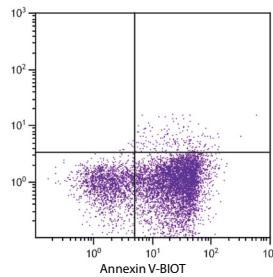
Day old BALB/c mouse splenocytes were stained with Annexin V-PE (SB Cat. No. 10040-09) and with or without 7-AAD (SB Cat. No. 10042-01).

Description	Source	Cat. No.	Format	Size
ApoScreen® Annexin V	<i>E. coli</i>	10040-01	UNLB	0.1 mg
		10040-02	FITC	100 tests
		10040-08	BIOT	100 tests
		10040-09	PE	100 tests
		10040-11	APC	100 tests
		10040-15	CY5	100 tests



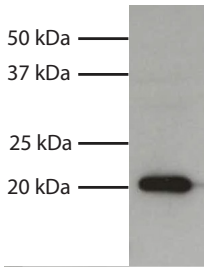
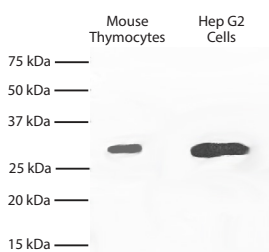
Day old BALB/c mouse bone marrow cells were stained with Annexin V-CY5 (SB Cat. No. 10040-15) and with or without Propidium iodide (SB Cat. No. 10044-01).

ApoScreen® Annexin V	Eukaryotic cells	10039-01	UNLB	0.1 mg
		10039-02	FITC	100 tests
		10039-08	BIOT	100 tests

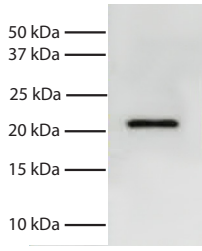
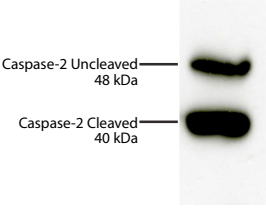
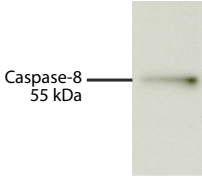
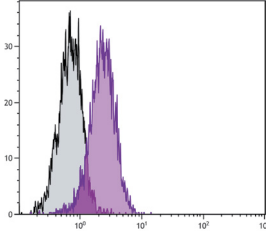
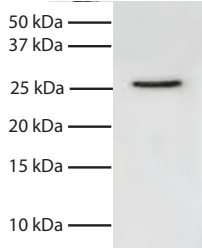


Day old BALB/c mouse splenocytes were stained with Annexin V-BIOT (SB Cat. No. 10039-08) and with or without 7-AAD (SB Cat. No. 10042-01) followed by Streptavidin-FITC (SB Cat. No. 7100-02).

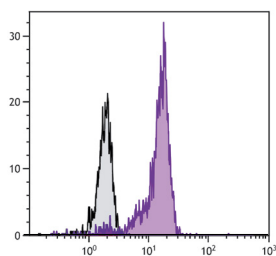
Description	Cat. No.	Size
ApoScreen® 7-Aminoactinomycin D (7-AAD)	10042-01	100 tests
ApoScreen® Propidium Iodide (PI)	10044-01	100 tests
ApoScreen® Annexin V Binding Buffer 10X	10045-01	50 mL

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Human/Monkey/ Bovine/Canine Bax	2D2	Mouse IgG <sub>1</sub> κ	WB, IP, FC, IHC-PS, ICC, Neut, Purification	10055-01	UNLB	0.1 mg
			Total cell lysates from HL60 cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Human Bax-UNLB (SB Cat. No. 10055-01). Proteins were visualized using Goat Anti-Mouse IgG <sub>1</sub> , Human ads-HRP (SB Cat. No. 1070-05) secondary antibody and chemiluminescent detection.			
Mouse Bax	5B7	Mouse IgG <sub>1</sub> κ	WB, IP, FC, ICC, Purification	10050-01	UNLB	0.1 mg
Human/Mouse/ Rat/Monkey/ Bovine Bax	6A7	Mouse IgG <sub>1</sub> κ	WB, IP, FC, IHC-FS, IHC-PS, ICC, EM, Neut	10060-01	UNLB	0.1 mg
			Total cell lysates from NIH/3T3 cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Bax-UNLB (SB Cat. No. 10060-01). Proteins were visualized using Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05) secondary antibody and chemiluminescent detection.			
Mouse/Rat Bcl-2	10C2	Mouse IgG <sub>1</sub> κ	WB, IP, FC, IHC-FS, IHC-PS, ICC	10065-01	UNLB	0.1 mg
Human/Mouse/ Rat/Rhesus Bcl-x <sub>L</sub>	7B2.5	Mouse IgG <sub>3</sub> κ	FC, IHC-PS, ICC, WB, IP, ELISA	10030-01	UNLB	0.1 mg
			T cell leukemia cell line Jurkat was intracellularly stained with Mouse Anti-Human Bcl-x <sub>L</sub> . (SB Cat. No. 10030-02).	10030-02	FITC	0.1 mg
				10030-08	BIOT	0.1 mg
				10030-09	PE	0.1 mg
Human/Mouse/ Rat Bcl-x <sub>L</sub>	2H12	Mouse IgG <sub>2a</sub> κ	WB, IP, FC, IHC-PS, ELISA	10035-01	UNLB	0.1 mg
			Total cell lysates from mouse thymocytes and Hep G2 cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Bcl-x <sub>L</sub> -UNLB (SB Cat. No. 10035-01). Proteins were visualized using Goat Anti-Mouse IgG <sub>2a</sub> , Human ads-HRP (SB Cat. No. 1080-05) secondary antibody and chemiluminescent detection.			

# Apoptosis Antibodies

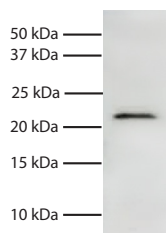
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Human Bid	SB50a	Mouse IgG <sub>2b</sub> κ	ELISA, WB, IP	10951-01	UNLB	0.1 mg
			Total cell lysates from Jurkat cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Human Bid-UNLB (SB Cat. No. 10951-01). Proteins were visualized using Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05) secondary antibody and chemiluminescent detection.			
Human Caspase-2	SB123a	Rat IgMκ	WB	17100-01	UNLB	0.1 mg
			Total cell lysates from Jurkat cells were incubated with Rabbit Anti-Human DR5-UNLB (SB Cat. No. 6600-01), resolved by electrophoresis, transferred to PVDF membrane, and probed with Rat Anti-Human Caspase-2-UNLB (SB Cat. No. 17100-01). Proteins were visualized using Goat Anti-Rat IgM-HRP (SB Cat. No. 3020-05) secondary antibody and chemiluminescent detection.			
Human Caspase-3	SB71b	Mouse IgG <sub>2a</sub> κ	WB	17200-01	UNLB	0.1 mg
				17200-05	HRP	1.0 mL
Human Caspase-8	SB125a	Rat IgMκ	WB	17300-01	UNLB	0.1 mg
			Total cell lysates from Jurkat cells were incubated with STS, resolved by electrophoresis, transferred to PVDF membrane, and probed with Rat Anti-Human Caspase-8-UNLB (SB Cat. No. 17300-01). Proteins were visualized using Goat Anti-Rat IgM-HRP (SB Cat. No. 3020-05) secondary antibody and chemiluminescent detection.			
Human DR5	Polyclonal	Rabbit IgG	FC, WB	6600-01	UNLB	0.1 mg
			Human T lymphocyte cell line Jurkat was stained with Rabbit Anti-Human DR5-UNLB (SB Cat. No. 6600-01) followed by Mouse Anti-Rabbit IgG-PE (SB Cat. No. 4090-09).			
Human FADD	1A11	Mouse IgG <sub>1</sub> κ	ELISA, WB, IP	10941-01	UNLB	0.1 mg
			Total cell lysates from Jurkat cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Human FADD-UNLB (SB Cat. No. 10941-01). Proteins were visualized using Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05) secondary antibody and chemiluminescent detection.	10941-05	HRP	1.0 mL
				10941-25	SEPH	50 tests

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Human/Chicken Fas Ligand	SB93a	Mouse IgG <sub>2b</sub> κ	FC, IHC-FS, WB, IP	12115-01	UNLB	0.1 mg
				12115-02	FITC	0.1 mg



1,10-Phenanthroline-stimulated human peripheral blood lymphocytes were stained with Mouse Anti-Human Fas Ligand-FITC (SB Cat. No. 12115-02).

Human Smac/DIABLO	2D12	Mouse IgG <sub>2b</sub> κ	ELISA, WB	11070-01	UNLB	0.1 mg
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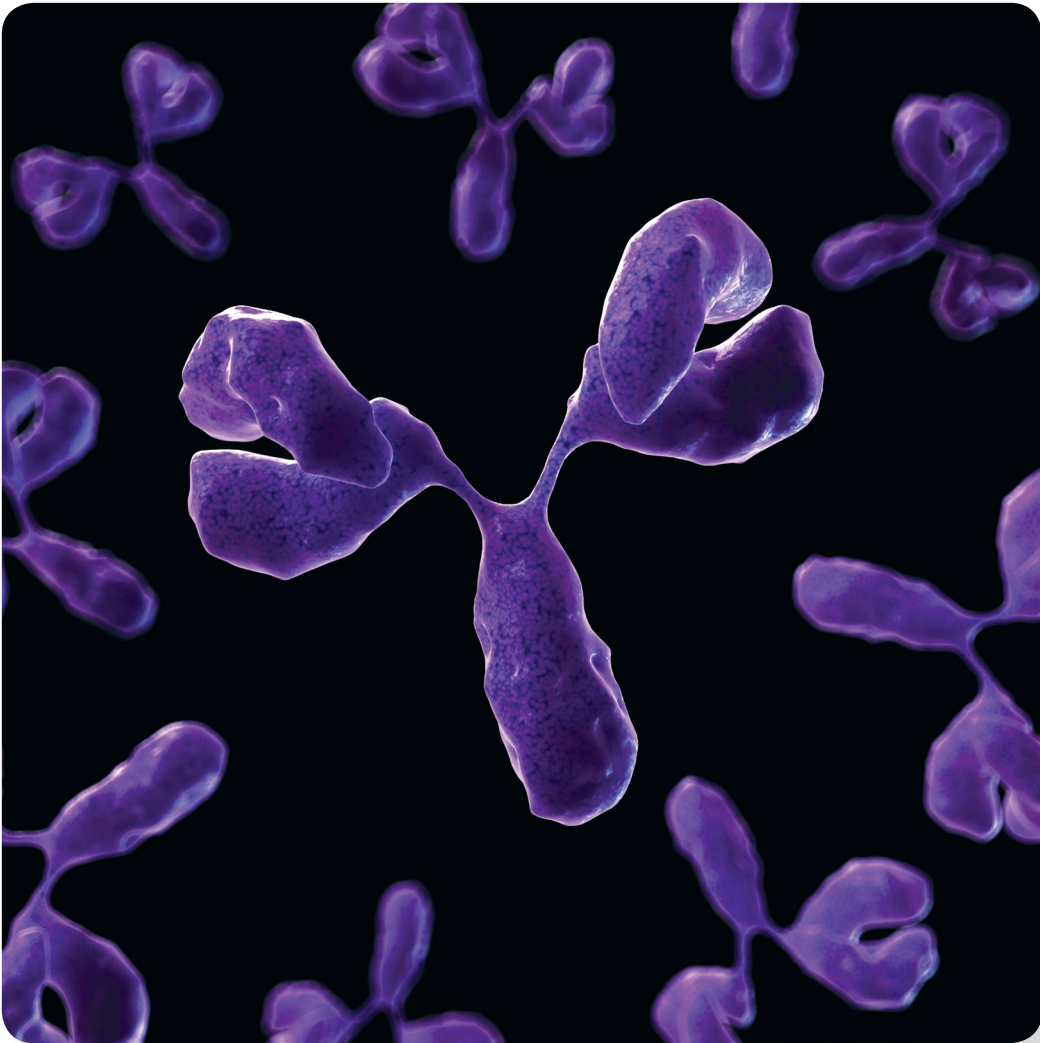
Total cell lysates from Jurkat cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Human Smac/DIABLO-UNLB (SB Cat. No. 11070-01). Proteins were visualized using Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05) secondary antibody and chemiluminescent detection.

Human TRAIL	SB91c	Mouse IgG <sub>2b</sub> κ	ELISA	11050-01	UNLB	0.5 mg
Human TRAIL	SB91a	Mouse IgG <sub>2b</sub> κ	ELISA	11040-01	UNLB	0.5 mg
				11040-08	BIOT	0.5 mg

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# Extracellular Matrix & Cytoskeletal Proteins & Antibodies



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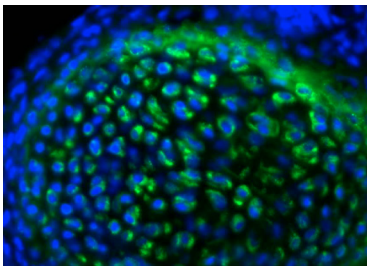
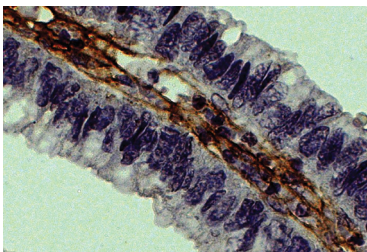
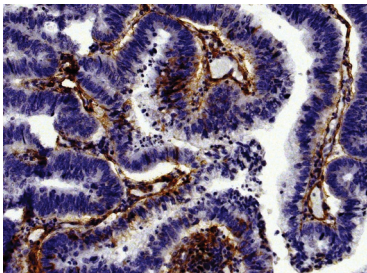
[www.SouthernBiotech.com](http://www.SouthernBiotech.com) [info@SouthernBiotech.com](mailto:info@SouthernBiotech.com)  
Toll Free 800.722.2255 Tel 205.945.1774 Fax 205.945.8768

## Purified Extracellular Matrix Proteins

Description	Cat. No.	Format	Size
Human Type I Collagen	1200-01S	Solution	0.5 mg
Bovine Type I Collagen	1200-02S	Solution	0.5 mg
	1200-02	Lyophilized	0.25 mg
Rat Type I Collagen	1200-03S	Solution	0.5 mg
	1200-03	Lyophilized	0.25 mg
Bovine Type II Collagen	1220-02S	Solution	0.5 mg
	1220-02	Lyophilized	0.25 mg
Human Type III Collagen	1230-01S	Solution	0.5 mg
Bovine Type III Collagen	1240-02S	Solution	0.5 mg
Human Type IV Collagen	1250-01S	Solution	0.5 mg
Mouse Type IV Collagen	1250-04S	Solution	0.5 mg
Bovine Type IV Collagen	1260-02S	Solution	0.5 mg
	1260-02	Lyophilized	0.25 mg
Human Type V Collagen	1270-01S	Solution	0.25 mg
	1270-01	Lyophilized	0.1 mg
Bovine Type V Collagen	1280-02S	Solution	0.25 mg
Human Type VI Collagen	1290-01S	Solution	0.25 mg
Bovine Type VI Collagen	1300-02S	Solution	0.25 mg
	1300-02	Lyophilized	0.1 mg
Mouse Laminin	1415-01	Solution	1.0 mg
Goat Fibronectin	1430-01	Lyophilized	1.0 mg

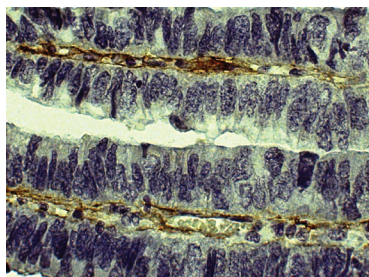


## Polyclonal Antibodies to Extracellular Matrix Proteins

Specificity	Host	Applications	Cat. No.	Format	Size
Type I Collagen	Goat	ELISA, FLISA, IHC-PS, IHC-FS, ICC, EM, FC, WB, IP	1310-01	UNLB	0.2 mg
			1310-02	FITC	0.2 mg
			1310-08	BIOT	0.2 mg
			1310-30	AF488	0.2 mg
Type II Collagen	Goat	ELISA, FLISA, IHC-PS, IHC-FS, ICC, EM, WB, IP	1320-01	UNLB	0.2 mg
			1320-08	BIOT	0.2 mg
			1320-30	AF488	0.2 mg
			 <p>Newborn mouse rib section stained with Goat Anti-Type II Collagen-UNLB (SB Cat. No. 1320-01) followed by Rabbit Anti-Goat IgG(H+L), Human SP ads-FITC (SB Cat. No. 6164-02).</p>		
Type III Collagen	Goat	ELISA, IHC-PS, IHC-FS, ICC, EM, FC, WB	1330-01	UNLB	0.2 mg
			1330-08	BIOT	0.2 mg
 <p>Human gastric cancer tissue was stained with Goat Anti-Type III Collagen-UNLB (SB Cat. No. 1330-01) followed by Swine Anti-Goat IgG(H+L), Human/Rat/Mouse SP ads-HRP (SB Cat. No. 6300-05).</p>					
Type IV Collagen	Goat	ELISA, FLISA, IHC-PS, IHC-FS, ICC, EM, FC, WB, IP	1340-01	UNLB	0.2 mg
			1340-08	BIOT	0.2 mg
			1340-30	AF488	0.2 mg
 <p>Human gastric cancer tissue was stained with Goat Anti-Type IV Collagen-UNLB (SB Cat. No. 1340-01) followed by Swine Anti-Goat IgG(H+L), Human/Rat/Mouse SP ads-HRP (SB Cat. No. 6300-05).</p>					

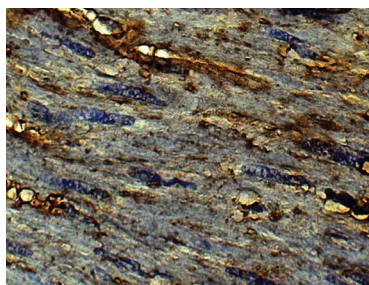
## Polyclonal Antibodies to Extracellular Matrix Proteins

Specificity	Host	Applications	Cat. No.	Format	Size
Type V Collagen	Goat	ELISA, IHC-PS, IHC-FS, ICC, EM, WB	1350-01	UNLB	0.2 mg
			1350-08	BIOT	0.2 mg



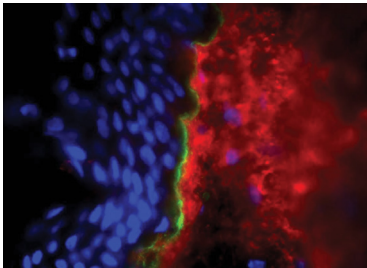
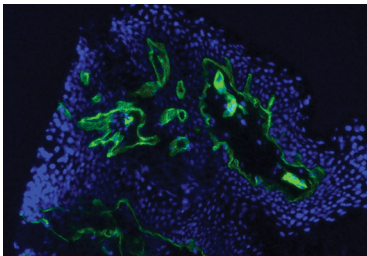
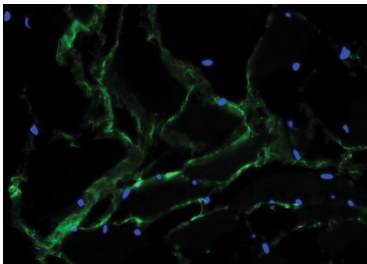
Human gastric cancer tissue was stained with Goat Anti-Type V Collagen-UNLB (SB Cat. No. 1350-01) followed by Swine Anti-Goat IgG(H+L), Human/Rat/Mouse SP ads-HRP (SB Cat. No. 6300-05).

Type VI Collagen	Goat	ELISA, IHC-PS, IHC-FS, ICC, EM, WB	1360-01	UNLB	0.2 mg
			1360-08	BIOT	0.2 mg

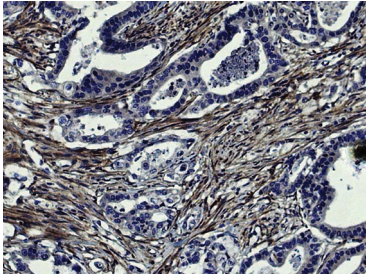
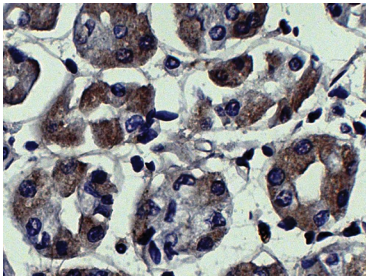
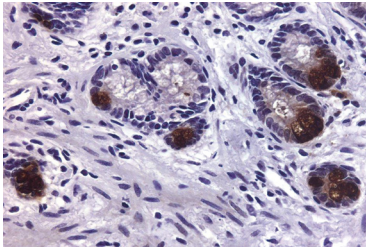
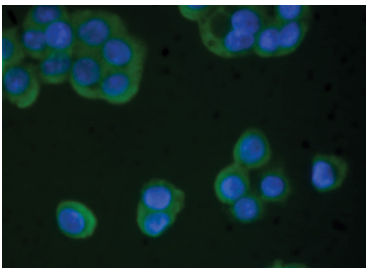


Human kidney cancer tissue was stained with Goat Anti-Type VI Collagen-UNLB (SB Cat. No. 1360-01) followed by Swine Anti-Goat IgG(H+L), Human/Rat/Mouse SP ads-BIOT (SB Cat. No. 6300-08) and Streptavidin-HRP (SB Cat. No. 7100-05).

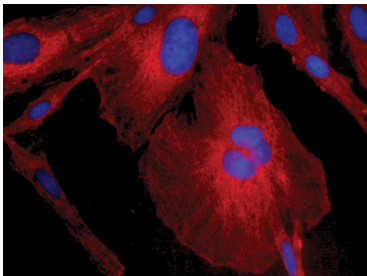
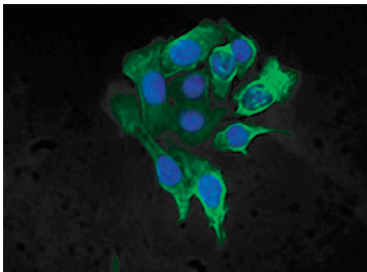
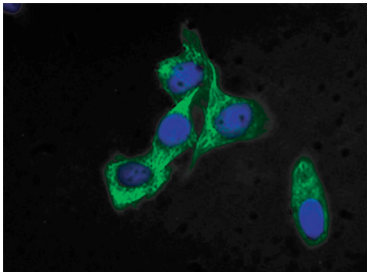
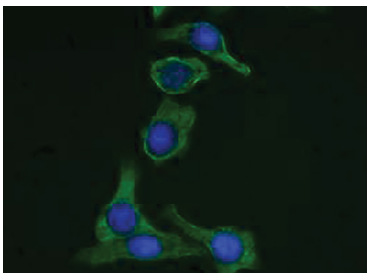
## Monoclonal Antibodies to Extracellular Matrix Proteins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Human/Bovine Type I Collagen	2A3	Mouse IgG <sub>2b</sub> κ	IHC-FS, ELISA	1440-01	UNLB	0.1 mg
Human Type I Collagen	4F6	Mouse IgG <sub>2b</sub> κ	IHC-FS, ELISA, FLISA	1441-01	UNLB	0.1 mg
				1441-02	FITC	0.1 mg
				1441-05	HRP	1.0 mL
				1441-08	BIOT	0.1 mg
			 <p>Human skin tissue was stained with Mouse Anti-Type I Collagen-UNLB (SB Cat. No. 1441-01; red) followed by Goat Anti-Mouse IgG<sub>2b</sub>, Human ads-BIOT (Cat. No. 1090-08) and Streptavidin-CY3 (SB Cat. No. 7100-12).</p>			
Human Type IV Collagen	2F11	Mouse IgG <sub>1</sub> κ	IHC-FS, ELISA, FLISA	1460-01	UNLB	0.1 mg
Human Type IV Collagen				1460-02	FITC	0.1 mg
				1460-08	BIOT	0.1 mg
				1460-09	PE	0.1 mg
			 <p>Human skin tissue was stained with Mouse Anti-Type IV Collagen-UNLB (SB Cat. No. 1460-01) followed by Goat Anti-Mouse IgG<sub>1</sub>, Human ads-AF488 (SB Cat. No. 1070-30).</p>			
Fibrillin-1	11C1.3	Mouse IgG <sub>1</sub> κ	IHC-FS, IHC-PS, ICC, EM, WB, IP	1405-01	UNLB	0.2 mg
Fibrillin-1				1405-02	FITC	0.2 mg
				1405-08	BIOT	0.2 mg
			 <p>Bovine muscle tissue was stained with Mouse Anti-Fibrillin-UNLB (SB Cat. No. 1405-01) followed by Goat Anti-Mouse IgG<sub>1</sub>, Human ads-FITC (SB Cat. No. 1070-02).</p>			
Human/Rat Fibronectin	5G7	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, ICC, WB	1470-01	UNLB	0.1 mg
Human/Rat Fibronectin				1470-02	FITC	0.1 mg
				1470-04	AP	1.0 mL
				1470-05	HRP	1.0 mL
				1470-08	BIOT	0.1 mg
Human Fibronectin	2F12	Mouse IgG <sub>1</sub> κ	ELISA	1471-01	UNLB	0.1 mg
Human/Rabbit MMP-1	SB12e	Mouse IgG <sub>2b</sub> κ	ELISA, IHC-PS, IHC-FS, ICC, WB, Multiplex	12011-01	UNLB	0.1 mg
				12011-05	HRP	1.0 mL
				12011-08	BIOT	0.1 mg

## Monoclonal Antibodies to Extracellular Matrix Proteins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Human MMP-2	SB13a	Mouse IgG <sub>1</sub> κ	ELISA, IHC-PS, ICC	12015-01	UNLB	0.1 mg
				12015-05	HRP	1.0 mL
			 <p>Human gastric cancer tissue was stained with Mouse Anti-Human MMP-2-UNLB (SB Cat. No. 12015-01) followed by HRP conjugated Anti-Mouse Ig secondary antibody.</p>			
Human MMP-3	SB14d	Mouse IgG <sub>2a</sub> κ	ELISA, IHC-PS, IHC-FS, ICC	12020-01	UNLB	0.1 mg
				12020-05	HRP	1.0 mL
			 <p>Human kidney cancer tissue was stained with Mouse Anti-Human MMP-3-UNLB (SB Cat. No. 12020-01) followed by Goat Anti-Mouse IgG<sub>2a</sub>, Human ads-HRP (SB Cat. No. 1080-05).</p>			
Human/Mouse MMP-9	SB15c	Mouse IgG <sub>2a</sub> κ	ELISA, IHC-PS, ICC, WB	12025-01	UNLB	0.1 mg
				12025-05	HRP	1.0 mL
			 <p>Human colon tissue was stained with Mouse Anti-Human MMP-9-UNLB (SB Cat. No. 12025-01) followed by Goat Anti-Mouse IgG<sub>2a</sub>, Human ads-BIOT (SB Cat. No. 1080-08) and Streptavidin-HRP (SB Cat. No. 7100-05).</p>			
Human/Mouse/Rat TIMP-4	SB30c	Mouse IgG <sub>2a</sub> κ	WB, ICC, ELISA	12035-01	UNLB	0.1 mg
				12035-05	HRP	1.0 mL
			 <p>Human pancreatic carcinoma cells were stained with Mouse Anti-Human TIMP-4-UNLB (SB Cat. No. 12035-01) followed by Goat Anti-Mouse Ig, Human ads-FITC (SB Cat. No. 1010-02).</p>			

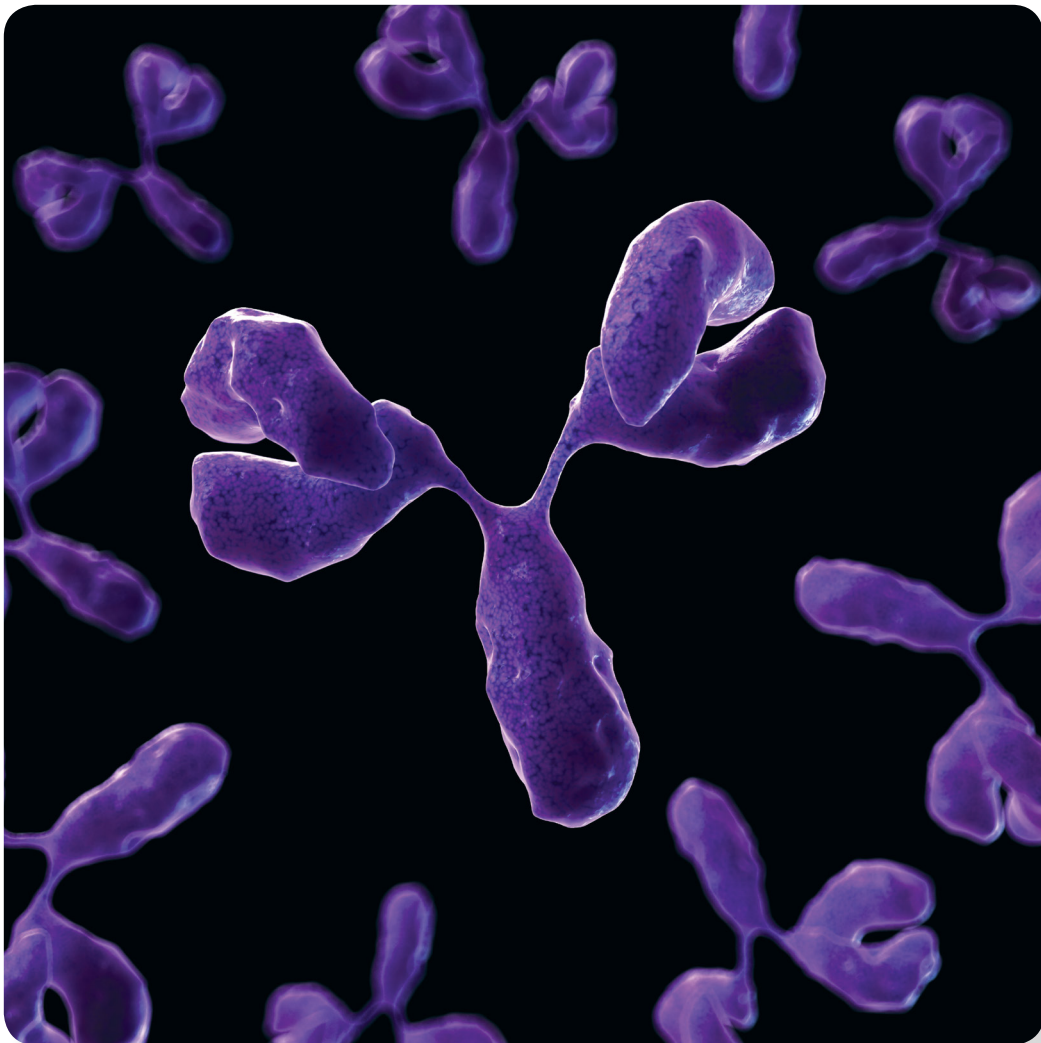
# Monoclonal Antibodies to Cytoskeletal Proteins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Human GFAP	SB61a	Mouse IgG <sub>1</sub> κ	ICC, ELISA (capture)	12070-01	UNLB	0.5 mg
Human/Mouse GFAP	SB61b	Mouse IgG <sub>2b</sub> κ	ICC, IHC-FS, WB, ELISA (detection)	12075-01	UNLB	0.5 mg
				12075-05	HRP	1.0 mL
				12075-08	BIOT	0.5 mg
				12075-12	CY3	0.5 mg
 <p>Human astrocytoma cell line CCF-STTG1 was stained with Mouse Anti-Human GFAP-CY3 (SB Cat. No. 12075-12).</p>						
Cytokeratin 8	SB37b	Mouse IgG <sub>2a</sub> κ	ICC, ELISA, IHC-PS, FC, WB, IP	10080-01	UNLB	0.1 mg
Cytokeratin 8	SB37b	Mouse IgG <sub>2a</sub> κ	ICC, ELISA, IHC-PS, FC, WB, IP	10080-02	FITC	0.1 mg
				10080-05	HRP	1.0 mL
				 <p>Human pancreatic carcinoma cell line MIA PaCa-2 was stained with Mouse Anti-Cytokeratin 8-FITC (SB Cat. No. 10080-02).</p>		
Cytokeratin 18	SB38b	Mouse IgG <sub>2b</sub> κ	ELISA, FLISA, ICC, FC, WB	10085-01	UNLB	0.1 mg
Cytokeratin 18	SB38b	Mouse IgG <sub>2b</sub> κ	ELISA, FLISA, ICC, FC, WB	10085-02	FITC	0.1 mg
				10085-05	HRP	1.0 mL
				10085-08	BIOT	0.1 mg
				 <p>Human mammary gland carcinoma cell line HCC38 was stained with Mouse Anti-Cytokeratin 18-FITC (SB Cat. No. 10085-02).</p>		
Cytokeratin 19	SB39g	Mouse IgG <sub>2a</sub> κ	ELISA, FLISA, WB, ICC, FC, IP	10090-01	UNLB	0.1 mg
Cytokeratin 19	SB39g	Mouse IgG <sub>2a</sub> κ	ELISA, FLISA, WB, ICC, FC, IP	10090-02	FITC	0.1 mg
				10090-05	HRP	1.0 mL
				 <p>Human pancreatic carcinoma cell line MIA PaCa-2 was stained with Mouse Anti-Cytokeratin 19-FITC (SB Cat. No. 10090-02).</p>		

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# Epigenetic & Nuclear Signaling Antibodies

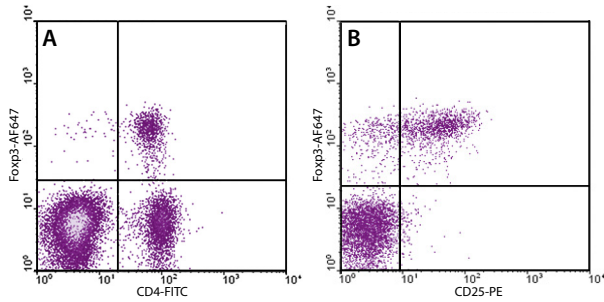


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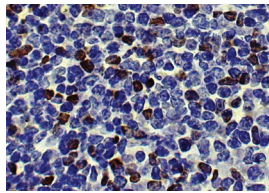
# Antibodies to Foxp3

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Mouse Foxp3	SB168a	Rat IgG <sub>2a</sub> κ	FC, IHC-PS	12400-01	UNLB	0.1 mg
				12400-02	FITC	0.1 mg
				12400-31	AF647	0.1 mg



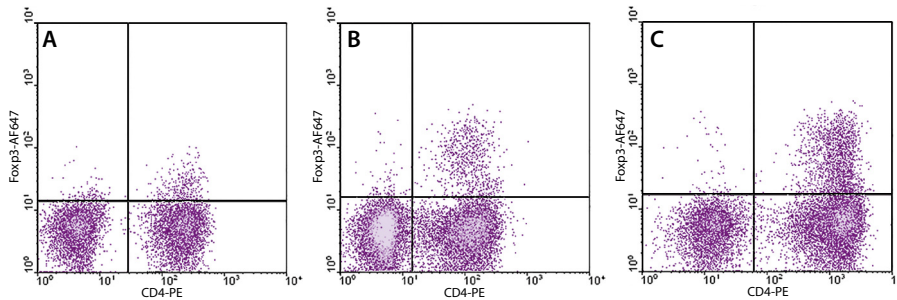
Fixed and permeabilized BALB/c splenocytes were stained with Rat Anti-Mouse Foxp3-AF647 (SB Cat. No. 12400-31), Rat Anti-Mouse CD4-FITC (SB Cat. No. 1540-02), and Rat Anti-Mouse CD25-PE (SB Cat. No. 1595-09).

A - CD4 vs Foxp3 gated on small lymphocytes  
B - CD25 vs Foxp3 gated on CD4<sup>+</sup> cells



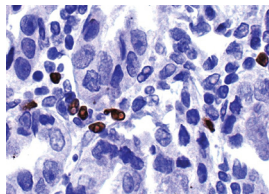
Mouse spleen tissue was stained with Rat Anti-Mouse Foxp3-UNLB (SB Cat. No. 12400-01) followed by HRP conjugated Anti-Rat Ig secondary antibody.

Human Foxp3	SB151b	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, IHC-PS, WB	12200-01	UNLB	0.1 mg
				12200-02	FITC	100 tests
				12200-31	AF647	100 tests



Human cells were stained with Mouse Anti-Human CD4-PE (SB Cat. No. 9522-09). Cells were then fixed and permeabilized with Human Foxp3 Fixation/Permeabilization Kit (SB Cat. No. 0240-01) followed by staining with Mouse Anti-Human Foxp3-AF647 (SB Cat. No. 12200-31).

A - Normal cells gated on small lymphocytes  
B - Normal cells stimulated with Mouse Anti-Human CD3-LE/AF (SB Cat. No. 9515-14)  
C - Lymphocytes from ovarian cancer patient

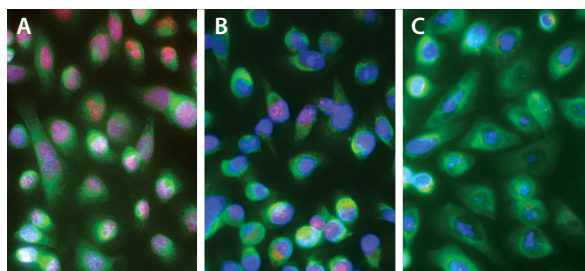


Human gastric cancer tissue was stained with Mouse Anti-Human Foxp3-UNLB (SB Cat. No. 12200-01) followed by HRP conjugated Anti-Mouse Ig secondary antibody.



Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
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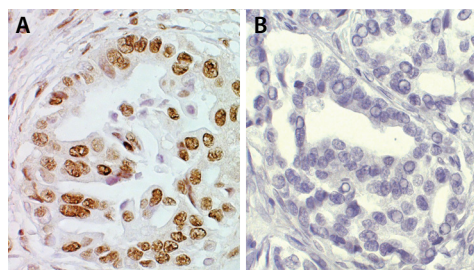
Acetyl-Histone H2A (Lys9)	SB146a	Mouse IgG <sub>2a</sub> κ	FC, IHC, ICC, WB, IP, ELISA	13200-01	UNLB	0.1 mg
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A - Trichostatin A treated cells  
B - Non-treated cells  
C - Isotype control

Human pancreatic carcinoma cell line MIA PaCa-2 was stained with Mouse Anti-Acetyl-Histone H2A (Lys9)-BIOT (in development) and Mouse Anti-Cytokeratin 8-FITC (SB Cat. No. 10080-02) followed by Streptavidin-CY3 (SB Cat. No. 7100-12).

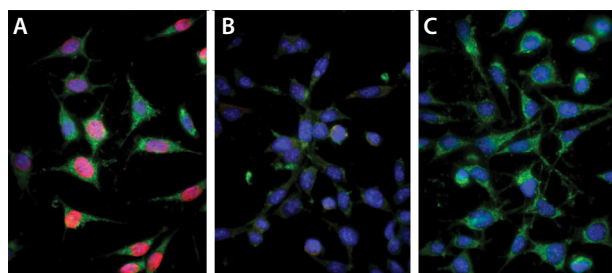
Acetyl-Histone H3 (Lys4)	SB147d	Mouse IgG <sub>2b</sub> κ	FC, IHC, ICC, WB, IP, ELISA	13600-01	UNLB	0.1 mg
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A - Antibody not blocked with immunizing peptide  
B - Antibody blocked with immunizing peptide

Human gastric cancer tissue was stained with Mouse Anti-Acetyl-Histone H3 (Lys4)-UNLB (Cat. No. 13600-01) followed by Goat Anti-Mouse IgG(H+L), Human ads-BIOT (SB Cat. No. 1031-08), and Streptavidin-HRP (SB Cat. No. 7100-05).

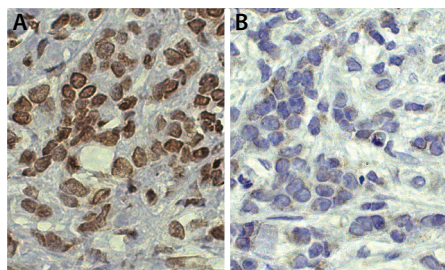
Acetyl-Histone H3 (Lys14)	SB190a	Mouse IgG <sub>2b</sub> κ	FC, IHC, ICC, WB, IP, ELISA	13650-01	UNLB	0.1 mg
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A - Antibody not blocked with immunizing peptide  
B - Antibody blocked with immunizing peptide  
C - Isotype control

C3H/An mouse connective tissue cell line L929 was stained with Mouse Anti-Acetyl-Histone H3 (Lys14)-UNLB (SB Cat. No. 13650-01) and Rat Anti-β-Actin-FITC followed by Goat Anti-Mouse IgG<sub>2b</sub>, Human ads-BIOT (SB Cat. No. 1090-08) and Streptavidin-CY3 (SB Cat. No. 7100-12).

Acetyl-Histone H3 (Lys18)	SB157a	Mouse IgG <sub>1</sub> κ	IHC, ICC, WB, ELISA	13300-01	UNLB	0.1 mg
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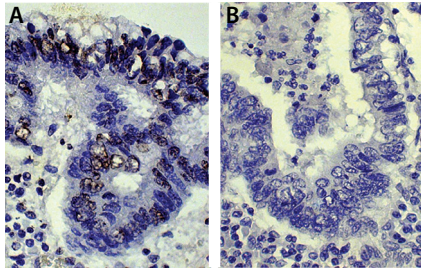


A - Antibody not blocked with immunizing peptide  
B - Antibody blocked with immunizing peptide

Human gastric cancer tissue was stained with Mouse Anti-Acetyl-Histone H3 (Lys18)-UNLB (Cat. No. 13300-01) followed by Goat Anti-Mouse IgG, Human ads-BIOT (SB Cat. No. 1030-08) and Streptavidin-HRP (SB Cat. No. 7100-05).

# Antibodies to Histones

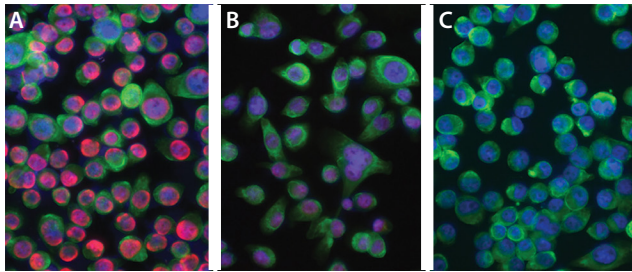
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Acetyl-Histone H4 (Lys8)	SB162a	Mouse IgG <sub>1</sub> κ	FC, IHC, ICC, WB, IP, ELISA	13700-01	UNLB	0.1 mg



A - Antibody not blocked with immunizing peptide  
B - Antibody blocked with immunizing peptide

Human gastric cancer tissue was stained with Mouse Anti-Acetyl-Histone H4 (Lys8)-UNLB (Cat. No. 13700-01) followed by Goat Anti-Mouse IgG<sub>1</sub>, Human ads-HRP (SB Cat. No. 1070-05).

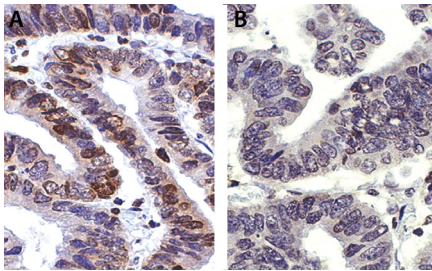
Acetyl-Histone H4 (Lys12)	SB159b	Mouse IgG <sub>1</sub> κ	FC, IHC, ICC, WB, IP, ELISA	13400-01	UNLB	0.1 mg
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A - Antibody not blocked with immunizing peptide  
B - Antibody blocked with immunizing peptide  
C - Isotype control

Human pancreatic carcinoma cell line MIA PaCa-2 was stained with Mouse Anti-Acetyl-Histone H4 (Lys12)-BIOT (in development) and Mouse Anti-Cytokeratin 8-FITC (SB Cat. No. 10080-02) followed by Streptavidin-CY3 (SB Cat. No. 7100-12).

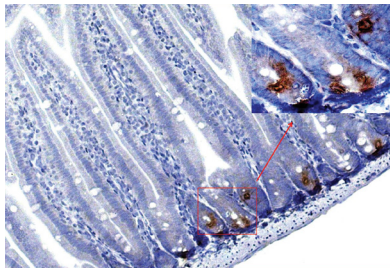
Acetyl-Histone H4 (Lys16)	SB160c	Mouse IgG <sub>2b</sub> κ	IHC-PS, ICC, WB, IP, ELISA	13800-01	UNLB	0.1 mg
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A - Antibody not blocked with immunizing peptide  
B - Antibody blocked with immunizing peptide

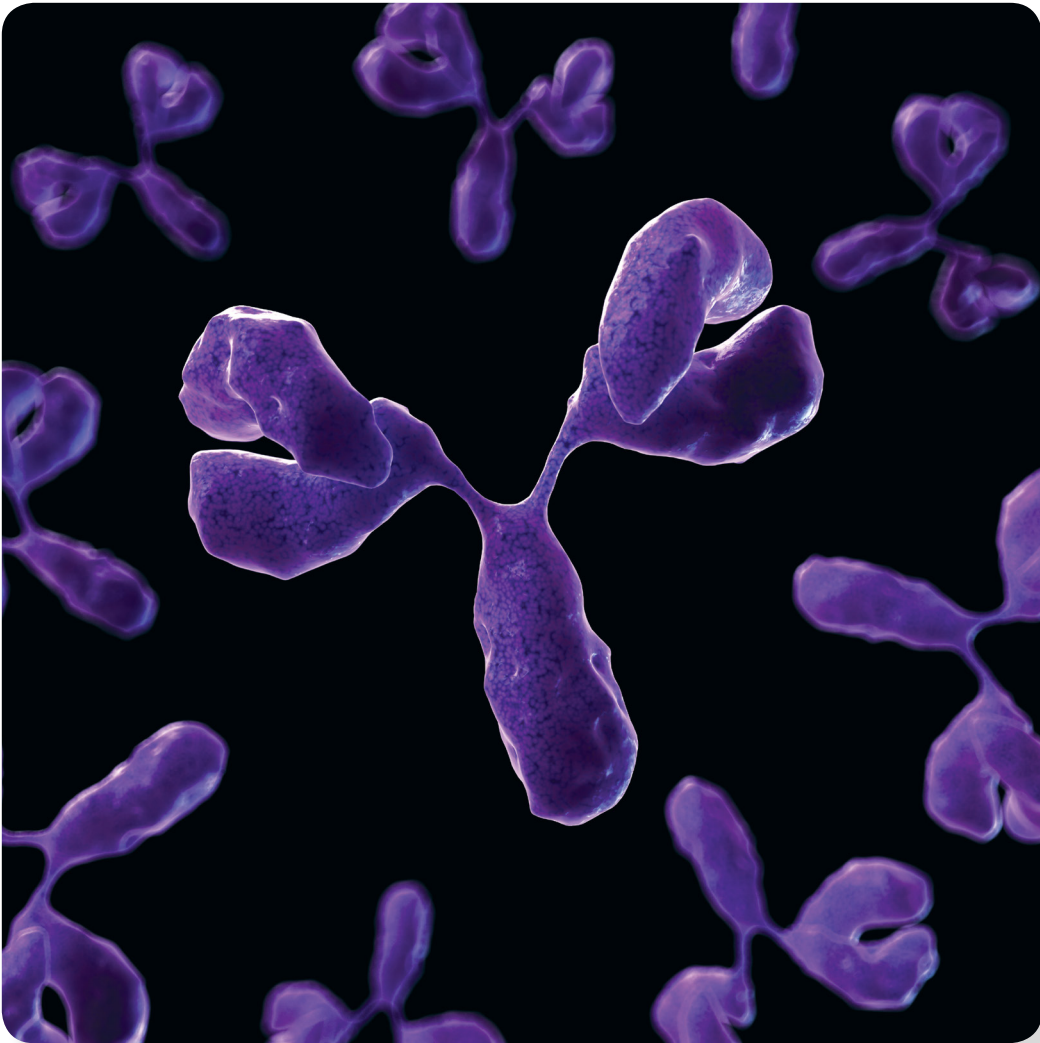
Human gastric cancer tissue was stained with Mouse Anti-Acetyl-Histone H4 (Lys16)-UNLB (Cat. No. 13800-01) followed by Goat Anti-Mouse IgG(H+L), Human ads-HRP (SB Cat. No. 1031-05).

Phospho-Histone H3 (Thr3)	SB153a	Mouse IgG <sub>2b</sub> κ	FC, IHC, ICC, WB, IP, ELISA	13500-01	UNLB	0.1 mg
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Mouse small intestine tissue was stained with Mouse Anti-Phospho-Histone H3 (Thr3)-UNLB (Cat. No. 13800-01) followed by Goat Anti-Mouse IgG(H+L), Human ads-BIOT (SB Cat. No. 1031-08) and Streptavidin-HRP (SB Cat. No. 7100-05).

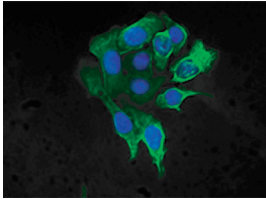
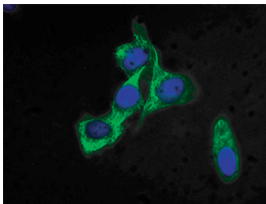
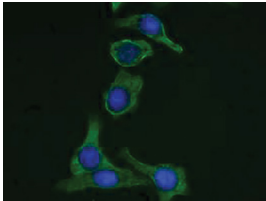
# Signal Transduction Antibodies



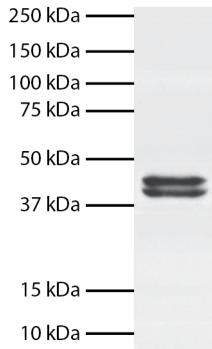
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## Signal Transduction Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Human CMKLR1	BZ332	Rat IgG <sub>2a</sub> κ	FC	14000-01	UNLB	0.1 mg
Cytokeratin 8	SB37b	Mouse IgG <sub>2a</sub> κ	ICC, ELISA, IHC-PS, FC, WB, IP	10080-01	UNLB	0.1 mg
				10080-02	FITC	0.1 mg
				10080-05	HRP	1.0 mL
				 <p>Human pancreatic carcinoma cell line MIA PaCa-2 was stained with Mouse Anti-Cytokeratin 8-FITC (SB Cat. No. 10080-02).</p>		
Cytokeratin 18	SB38b	Mouse IgG <sub>2b</sub> κ	ELISA, FLISA, ICC, FC, WB	10085-01	UNLB	0.1 mg
				10085-02	FITC	0.1 mg
				10085-05	HRP	1.0 mL
				10085-08	BIOT	0.1 mg
 <p>Human mammary gland carcinoma cell line HCC38 was stained with Mouse Anti-Cytokeratin 18-FITC (SB Cat. No. 10085-02).</p>						
Cytokeratin 19	SB39g	Mouse IgG <sub>2a</sub> κ	ELISA, FLISA, WB, ICC, FC, IP	10090-01	UNLB	0.1 mg
				10090-02	FITC	0.1 mg
				10090-05	HRP	1.0 mL
 <p>Human pancreatic carcinoma cell line MIA PaCa-2 was stained with Mouse Anti-Cytokeratin 19-FITC (SB Cat. No. 10090-02).</p>						
Human EGFR	SB41a	Mouse IgG <sub>2a</sub> κ	ICC, WB	10400-01	UNLB	0.1 mg

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Human Erk1/2	SB46b	Mouse IgG <sub>2a</sub> κ	WB, ELISA	12080-01	UNLB	0.5 mg
				12080-05	HRP	1.0 mL
				12080-08	BIOT	0.5 mg



Total cell lysates from Jurkat cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Human Erk1/2-BIOT (SB Cat. No. 12080-08). Proteins were visualized using Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05) secondary antibody and chemiluminescent detection.

Human/Mouse/Rat GSK-3α	SBGSK3α1	Mouse IgG <sub>2a</sub> κ	WB	10900-01	UNLB	0.1 mg
				10900-05	HRP	1.0 mL

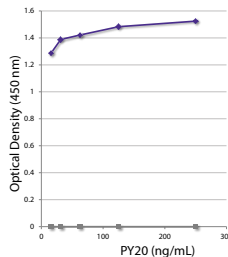
Human/Mouse/Rat GSK-3α	SBGSK3α2	Mouse IgG <sub>2a</sub> κ	WB	10905-01	UNLB	0.1 mg
				10905-05	HRP	1.0 mL

Human/Mouse/Rat GSK-3α	SBGSK3α4	Mouse IgG <sub>2a</sub> κ	WB, IP	10910-01	UNLB	0.1 mg
				10910-25	SEPH	50 tests

Human GSK-3β	5D6	Mouse IgG <sub>2b</sub> κ	WB, IP, ELISA	10915-01	UNLB	0.1 mg
				10915-25	SEPH	50 tests

Human GSK-3β	3A11	Mouse IgG <sub>2a</sub> κ	WB, ELISA	10920-01	UNLB	0.1 mg
				10920-05	HRP	1.0 mL

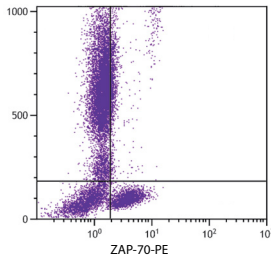
Phosphotyrosine	PY20	Mouse IgG <sub>2b</sub> κ	ELISA, FLISA, WB, IP, IHC-PS, IHC-WM, ICC, FC, Microarray, Purification	1400-01	UNLB	0.5 mg
				1400-02	FITC	0.5 mg
				1400-04	AP	1.0 mL
				1400-05	HRP	1.0 mL
				1400-08	BIOT	0.5 mg
				1400-09	PE	0.1 mg



KLH and KLH conjugated to phosphotyrosine (KLH-pTry) was coated at 10 µg/mL. KLH-pTry was detected with varying concentrations of Mouse Anti-Phosphotyrosine-UNLB (SB Cat. No. 1400-01) followed by and Goat Anti-Mouse IgG<sub>2b</sub>, Human ads-HRP (SB Cat. No. 1090-05).

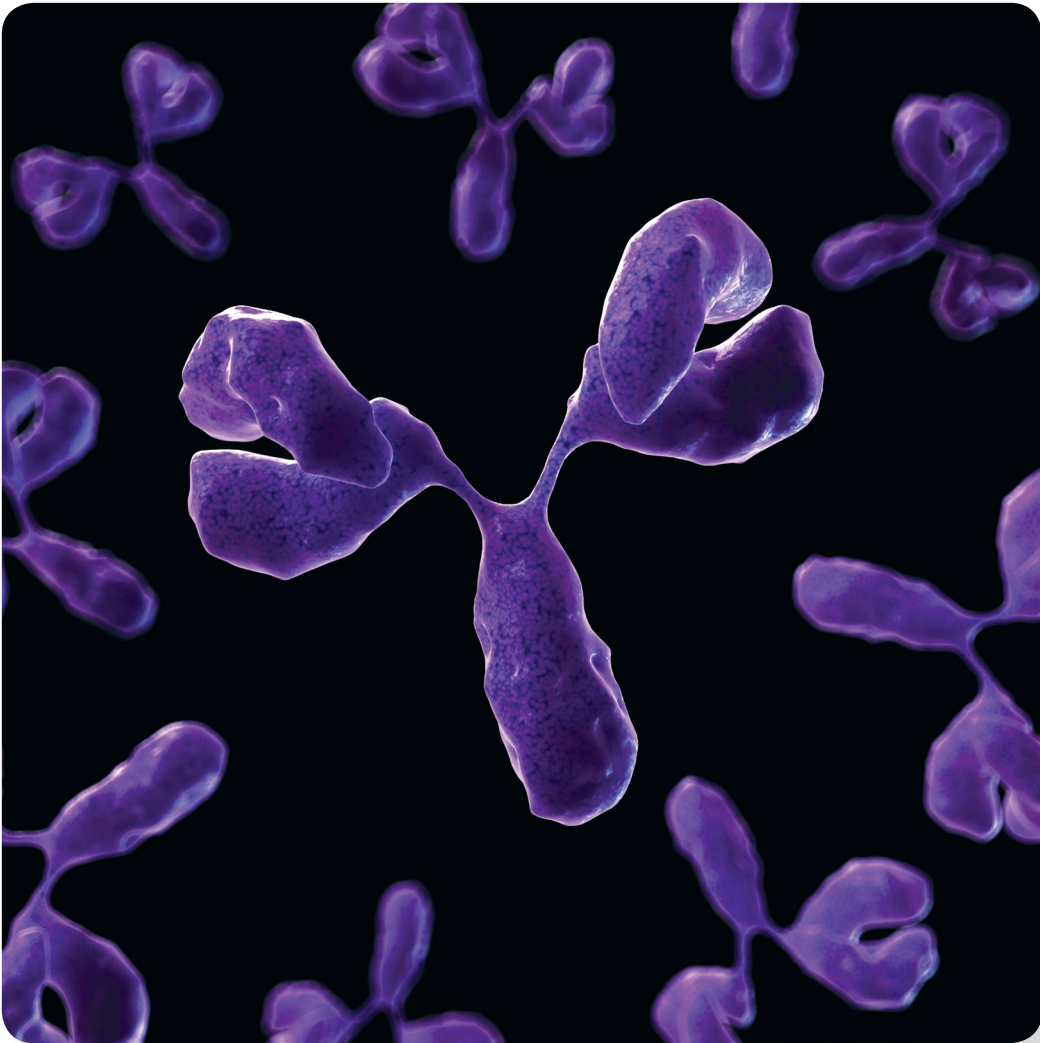
## Signal Transduction Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Human TLR2	2B4A1	Mouse IgG <sub>2a</sub> κ	FC	11000-01	UNLB	0.1 mg
				11000-02	FITC	100 tests
				11000-08	BIOT	0.1 mg
				11000-09	PE	100 tests
				11000-11	APC	100 tests
				11000-14	LE/AF	0.1 mg
Human TLR4	1E11	Mouse IgG <sub>2a</sub> κ	WB, ELISA	11010-01	UNLB	0.1 mg
Human TLR6	3B6	Mouse IgG <sub>2a</sub> κ	ELISA	11020-01	UNLB	0.1 mg
Human Tollip	SB40a	Mouse IgG <sub>2a</sub> κ	FC, WB, ELISA	12060-01	UNLB	0.1 mg
Human ZAP-70	SBZAP	Mouse IgG <sub>1</sub> κ	FC, ELISA	10650-01L	UNLB	0.1 mg
				10650-01S	UNLB	25 μg
				10650-02L	FITC	0.1 mg
				10650-02S	FITC	25 μg
				10650-04	AP	1.0 mL
				10650-05	HRP	1.0 mL
				10650-08L	BIOT	0.1 mg
				10650-08S	BIOT	25 μg
				10650-09L	PE	0.1 mg
				10650-09S	PE	25 μg



Human peripheral blood was intracellularly stained with Mouse Anti-Human ZAP-70-PE (SB Cat. No. 10650-09).

# Viral Protein Antibodies

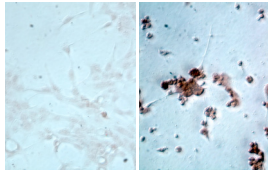


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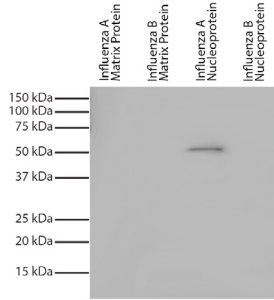
# Viral Protein Antibodies

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Influenza A, Matrix Protein	FluAc	Mouse IgG <sub>2b</sub> κ	ELISA, ICC, WB	10730-01	UNLB	0.1 mg
				10730-05	HRP	1.0 mL



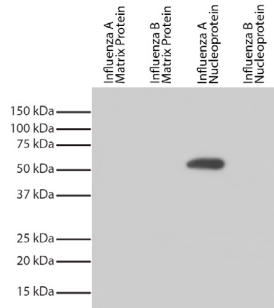
Non-infected and influenza A virus infected cell line was stained with Mouse Anti-Influenza A, Matrix Protein-HRP (SB Cat. No. 10730-05).

Influenza A, Nucleoprotein	FluA-NP 2C9	Mouse IgG <sub>2a</sub> κ	ELISA, IHC-FS, WB	10770-01	UNLB	0.5 mg
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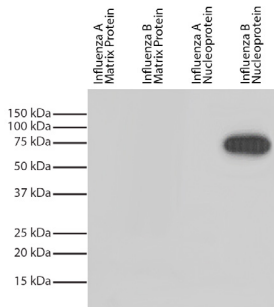
Recombinant influenza proteins were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Influenza A, Nucleoprotein-UNLB (SB Cat. No. 10770-01). Proteins were visualized using Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05) and with chemiluminescent detection.

Influenza A, Nucleoprotein	FluA-NP 4F1	Mouse IgG <sub>1</sub> κ	ELISA, ICC, WB	10780-01	UNLB	0.5 mg
				10780-05	HRP	1.0 mL



Recombinant influenza proteins were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Influenza A, Nucleoprotein-UNLB (SB Cat. No. 10780-01). Proteins were visualized using Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05) and with chemiluminescent detection.

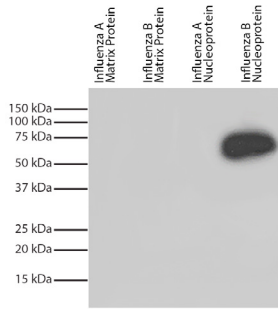
Influenza B, Nucleoprotein	3D7	Mouse IgG <sub>2b</sub> κ	ELISA, WB	10885-01	UNLB	0.5 mg
				10885-05	HRP	1.0 mL



Recombinant influenza proteins were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Influenza B, Nucleoprotein-HRP (SB Cat. No. 10885-05). Proteins were visualized with chemiluminescent detection.



Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Influenza B, Nucleoprotein	1H7a	Mouse IgG <sub>1</sub> κ	ELISA, WB	10890-01	UNLB	0.5 mg
				10890-05	HRP	1.0 mL

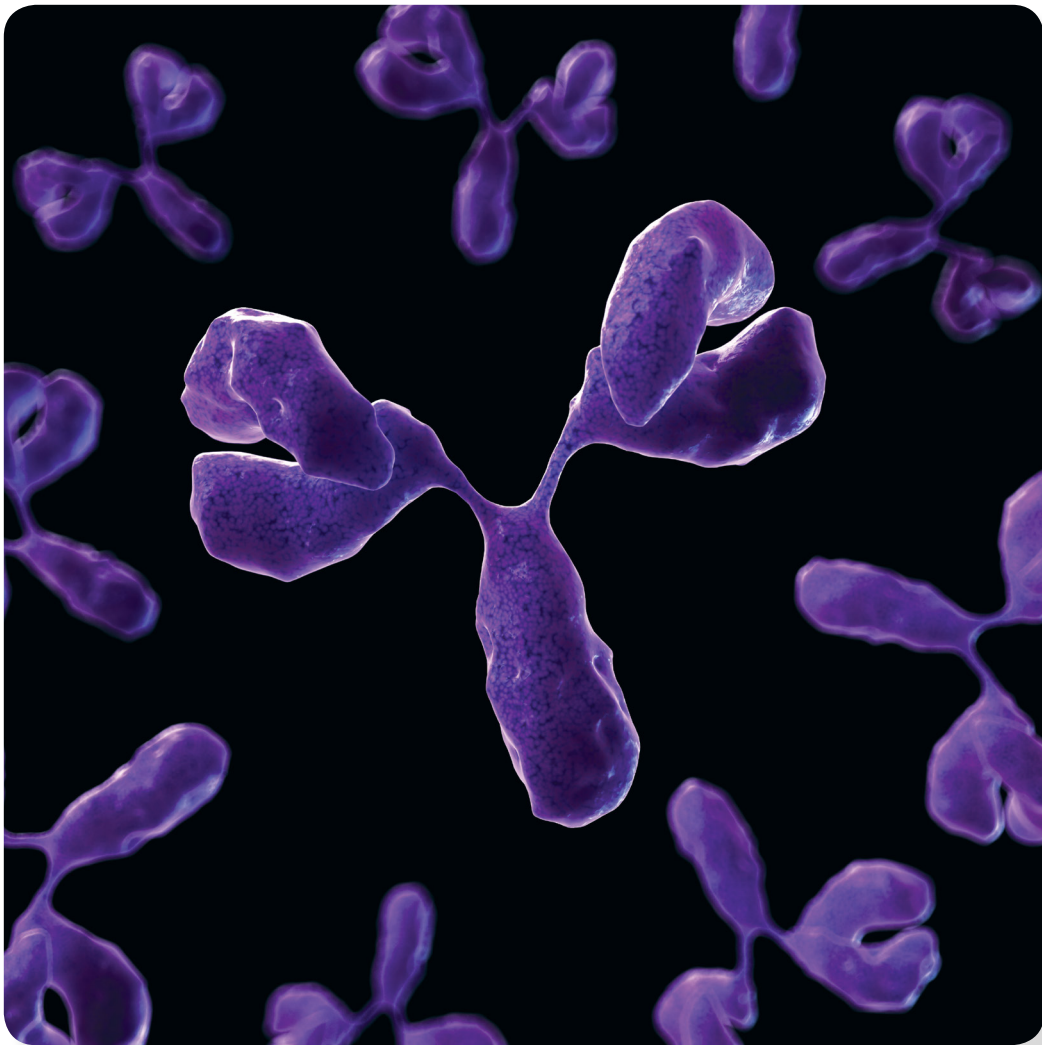


Recombinant influenza proteins were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Influenza B, Nucleoprotein-HRP (SB Cat. No. 10890-05). Proteins were visualized with chemiluminescent detection.

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# Isotype Controls & Purified Immunoglobulins



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## Mouse Isotype Controls & Purified Immunoglobulins

Description	Clone/Source	Cat. No.	Format	Size
Mouse IgA	S107	0106-01	UNLB	1.0 mg
		0106-02	FITC	100 tests
		0106-08	BIOT	0.5 mg
		0106-09	PE	100 tests
		0106-11	APC	100 tests
		0106-13	SPRD	100 tests
		0106-14	LE/AF	0.5 mg
		0106-16	PE/CY5.5	100 tests
		0106-17	PE/CY7	100 tests
		0106-18	APC/CY5.5	100 tests
		0106-19	APC/CY7	100 tests
Mouse IgE	15.3	0114-01	UNLB	0.25 mg
Mouse IgG	Pooled normal mouse serum	0107-01	UNLB	10 mg
		0107-02	FITC	0.5 mg
		0107-04	AP	1.0 mL
		0107-08	BIOT	0.5 mg
		0107-09	PE	0.1 mg
		0107-10	PE/TXRD	0.1 mg
		0107-11	APC	0.1 mg
		0107-13	SPRD	0.1 mg
		0107-14	LE/AF	0.5 mg
		0107-16	PE/CY5.5	0.1 mg
		0107-17	PE/CY7	0.1 mg
0107-18	APC/CY5.5	0.1 mg		
0107-19	APC/CY7	0.1 mg		

## Mouse Isotype Controls & Purified Immunoglobulins

Description	Clone/Source	Cat. No.	Format	Size
Mouse IgG <sub>1</sub>	15H6	0102-01	UNLB	1.0 mg
		0102-02	FITC	100 tests
		0102-04	AP	1.0 mL
		0102-05	HRP	1.0 mL
		0102-08	BIOT	0.5 mg
		0102-09	PE	100 tests
		0102-10	PE/TXRD	100 tests
		0102-11	APC	100 tests
		0102-13	SPRD	100 tests
		0102-14	LE/AF	0.5 mg
		0102-15	CY5	100 tests
		0102-16	PE/CY5.5	100 tests
		0102-17	PE/CY7	100 tests
		0102-18	APC/CY5.5	100 tests
		0102-19	APC/CY7	100 tests
		0102-26	PACBLU	100 tests
		0102-27	AF700	100 tests
		0102-30	AF488	100 tests
		0102-31	AF647	100 tests
		Mouse F(ab') <sub>2</sub> IgG <sub>1</sub>	15H6	0115-01
0115-02	FITC			100 tests
0115-09	PE			100 tests
0115-11	APC			100 tests
0115-13	SPRD			100 tests
0115-14	LE/AF			0.5 mg

## Mouse Isotype Controls & Purified Immunoglobulins

Description	Clone/Source	Cat. No.	Format	Size		
Mouse IgG <sub>2a</sub>	HOPC-1	0103-01	UNLB	1.0 mg		
		0103-02	FITC	100 tests		
		0103-04	AP	1.0 mL		
		0103-05	HRP	1.0 mL		
		0103-08	BIOT	0.5 mg		
		0103-09	PE	100 tests		
		0103-10	PE/TXRD	100 tests		
		0103-11	APC	100 tests		
		0103-13	SPRD	100 tests		
		0103-14	LE/AF	0.5 mg		
		0103-15	CY5	100 tests		
		0103-16	PE/CY5.5	100 tests		
		0103-17	PE/CY7	100 tests		
		0103-18	APC/CY5.5	100 tests		
		0103-19	APC/CY7	100 tests		
		0103-26	PACBLU	100 tests		
		0103-27	AF700	100 tests		
		0103-30	AF488	100 tests		
		0103-31	AF647	100 tests		
		Mouse IgG <sub>2b</sub>	A-1	0104-01	UNLB	1.0 mg
0104-02	FITC			100 tests		
0104-04	AP			1.0 mL		
0104-05	HRP			1.0 mL		
0104-08	BIOT			0.5 mg		
0104-09	PE			100 tests		
0104-11	APC			100 tests		
0104-12	CY3			100 tests		
0104-13	SPRD			100 tests		
0104-14	LE/AF			0.5 mg		
0104-15	CY5			100 tests		
0104-16	PE/CY5.5			100 tests		
0104-17	PE/CY7			100 tests		
0104-18	APC/CY5.5			100 tests		
0104-19	APC/CY7			100 tests		
0104-27	AF700			100 tests		
0104-28	BIMA			0.5 mg		
Mouse IgG <sub>2c</sub>	6.3			0122-01	UNLB	1.0 mg
				0122-08	BIOT	0.5 mg

## Mouse Isotype Controls & Purified Immunoglobulins

Description	Clone/Source	Cat. No.	Format	Size		
Mouse IgG <sub>3</sub>	B10	0105-01	UNLB	1.0 mg		
		0105-02	FITC	100 tests		
		0105-04	AP	1.0 mL		
		0105-05	HRP	1.0 mL		
		0105-08	BIOT	0.5 mg		
		0105-09	PE	100 tests		
		0105-11	APC	100 tests		
		0105-13	SPRD	100 tests		
		0105-14	LE/AF	0.5 mg		
		0105-16	PE/CY5.5	100 tests		
		0105-17	PE/CY7	100 tests		
		0105-31	AF647	100 tests		
		Mouse IgM	11E10	0101-01	UNLB	1.0 mg
				0101-02	FITC	100 tests
0101-08	BIOT			0.5 mg		
0101-09	PE			100 tests		
0101-11	APC			100 tests		
0101-13	SPRD			100 tests		
0101-14	LE/AF			0.5 mg		
0101-16	PE/CY5.5			100 tests		
0101-17	PE/CY7			100 tests		
0101-22	FLMA			100 tests		
0101-30	AF488			100 tests		

## Rat Isotype Controls & Purified Immunoglobulins

Description	Clone/Source	Cat. No.	Format	Size		
Rat IgG	Pooled normal rat serum	0108-01	UNLB	10 mg		
		0108-02	FITC	0.5 mg		
		0108-08	BIOT	0.5 mg		
		0108-09	PE	0.1 mg		
		0108-10	PE/TXRD	0.1 mg		
		0108-11	APC	0.1 mg		
		0108-13	SPRD	0.1 mg		
		0108-14	LE/AF	0.5 mg		
		0108-15	CY5	0.1 mg		
		0108-16	PE/CY5.5	0.1 mg		
		0108-17	PE/CY7	0.1 mg		
		0108-18	APC/CY5.5	0.1 mg		
		Rat IgG <sub>1</sub>	KLH/G1-2-2	0116-01	UNLB	0.5 mg
				0116-02	FITC	0.5 mg
				0116-04	AP	1.0 mL
				0116-05	HRP	1.0 mL
				0116-08	BIOT	0.5 mg
				0116-09	PE	0.1 mg
0116-11	APC			0.1 mg		
0116-13	SPRD			0.1 mg		
0116-14	LE/AF			0.5 mg		
0116-16	PE/CY5.5			0.1 mg		
0116-17	PE/CY7			0.1 mg		
0116-18	APC/CY5.5			0.1 mg		
0116-19	APC/CY7			0.1 mg		
0116-26	PACBLU			0.1 mg		
0116-30	AF488			0.1 mg		
0116-31	AF647			0.1 mg		



## Rat Isotype Controls & Purified Immunoglobulins

Description	Clone/Source	Cat. No.	Format	Size		
Rat IgG <sub>2a</sub>	KLH/G2a-1-1	0117-01	UNLB	0.5 mg		
		0117-02	FITC	0.5 mg		
		0117-08	BIOT	0.5 mg		
		0117-09	PE	0.1 mg		
		0117-10	PE/TXRD	0.1 mg		
		0117-11	APC	0.1 mg		
		0117-12	CY3	0.1 mg		
		0117-13	SPRD	0.1 mg		
		0117-14	LE/AF	0.5 mg		
		0117-15	CY5	0.1 mg		
		0117-16	PE/CY5.5	0.1 mg		
		0117-17	PE/CY7	0.1 mg		
		0117-18	APC/CY5.5	0.1 mg		
		0117-19	APC/CY7	0.1 mg		
		0117-26	PACBLU	0.1 mg		
		0117-27	AF700	0.1 mg		
		0117-30	AF488	0.1 mg		
		0117-31	AF647	0.1 mg		
		Rat IgG <sub>2b</sub>	KLH/G2b-1-2	0118-01	UNLB	0.5 mg
				0118-02	FITC	0.5 mg
0118-04	AP			1.0 mL		
0118-05	HRP			1.0 mL		
0118-08	BIOT			0.5 mg		
0118-09	PE			0.1 mg		
0118-10	PE/TXRD			0.1 mg		
0118-11	APC			0.1 mg		
0118-13	SPRD			0.1 mg		
0118-14	LE/AF			0.5 mg		
0118-15	CY5			0.1 mg		
0118-16	PE/CY5.5			0.1 mg		
0118-17	PE/CY7			0.1 mg		
0118-18	APC/CY5.5			0.1 mg		
0118-19	APC/CY7			0.1 mg		
0118-26	PACBLU			0.1 mg		
0118-27	AF700			0.1 mg		
0118-30	AF488			0.1 mg		
0118-31	AF647			0.1 mg		
Rat IgG <sub>2b</sub>	SB64a			0127-01	UNLB	0.5 mg

## Rat Isotype Controls & Purified Immunoglobulins

Description	Clone/Source	Cat. No.	Format	Size
Rat IgG <sub>2c</sub>	SB68b	0119-01	UNLB	0.5 mg
		0119-02	FITC	0.5 mg
		0119-08	BIOT	0.5 mg
		0119-09	PE	0.1 mg
		0119-11	APC	0.1 mg
		0119-14	LE/AF	0.5 mg
		0119-26	PACBLU	0.1 mg
		0119-27	AF700	0.1 mg
		0119-30	AF488	0.1 mg
		0119-31	AF647	0.1 mg
		Rat IgM	NIP/M-2	0120-01
0120-02	FITC			0.5 mg
0120-08	BIOT			0.5 mg
0120-09	PE			0.1 mg
0120-11	APC			0.1 mg
0120-13	SPRD			0.1 mg
0120-14	LE/AF			0.5 mg
0120-17	PE/CY7			0.1 mg
0120-22	FLMA			0.5 mg

## Human Isotype Controls & Purified Immunoglobulins

Description	Clone/Source	Cat. No.	Format	Size
Human IgA Kappa	Human myeloma serum	0155K-01	UNLB	0.5 mg
		0155K-04	AP	1.0 mL
		0155K-05	HRP	1.0 mL
Human IgA Lambda	Human myeloma serum	0155L-01	UNLB	0.5 mg
		0155L-04	AP	1.0 mL
		0155L-05	HRP	1.0 mL
Human IgG	Pooled normal human serum	0150-01	UNLB	1.0 mg
		0150-04	AP	1.0 mL
		0150-05	HRP	1.0 mL
		0150-14	LE/AF	0.5 mg
Human IgG Fc	Pooled normal human serum	0160-01	UNLB	1.0 mg
		0160-14	LE/AF	0.5 mg
Human IgG <sub>1</sub> Kappa	Human myeloma serum	0151K-01	UNLB	0.5 mg
		0151K-04	AP	1.0 mL
		0151K-05	HRP	1.0 mL
		0151K-09	PE	0.1 mg
		0151K-14	LE/AF	0.5 mg
Human IgG <sub>1</sub> Lambda	Human myeloma serum	0151L-01	UNLB	0.5 mg
		0151L-04	AP	1.0 mL
		0151L-05	HRP	1.0 mL
		0151L-14	LE/AF	0.5 mg
Human IgG <sub>3</sub> Lambda	Human myeloma serum	0153L-01	UNLB	0.5 mg
Human IgM Lambda	Human myeloma serum	0158L-01	UNLB	0.5 mg

## Isotype Controls & Purified Immunoglobulins of Miscellaneous Species

Description	Clone/Source	Cat. No.	Format	Size
Canine IgG	Pooled normal canine serum	0129-01	UNLB	5.0 mg
Chicken IgY	Pooled normal chicken yolk	0170-01	UNLB	10 mg
		0170-05	HRP	1.0 mL
Donkey IgG	Pooled normal donkey serum	0175-01	UNLB	10 mg
Goat IgG	Pooled normal goat serum	0109-01	UNLB	10 mg
		0109-02	FITC	100 tests
		0109-03	TRITC	100 tests
		0109-07	TXRD	100 tests
		0109-08	BIOT	0.5 mg
		0109-09	PE	100 tests
		0109-11	APC	100 tests
		0109-13	SPRD	100 tests
		0109-14	LE/AF	0.5 mg
		0109-17	PE/CY7	100 tests
		0109-30	AF488	100 tests
		0109-31	AF647	100 tests
		Goat F(ab') <sub>2</sub> IgG	Pooled normal goat serum	0110-01
0110-02	FITC			100 tests
0110-08	BIOT			0.5 mg
0110-09	PE			100 tests
0110-11	APC			100 tests
0110-13	SPRD			100 tests
0110-14	LE/AF			0.5 mg
0110-15	CY5			100 tests
0110-16	PE/CY5.5			100 tests
Goat IgG Fab	Pooled normal goat serum	0131-01	UNLB	5.0 mg
Goat IgG Fc	Pooled normal goat serum	0130-01	UNLB	2.0 mg

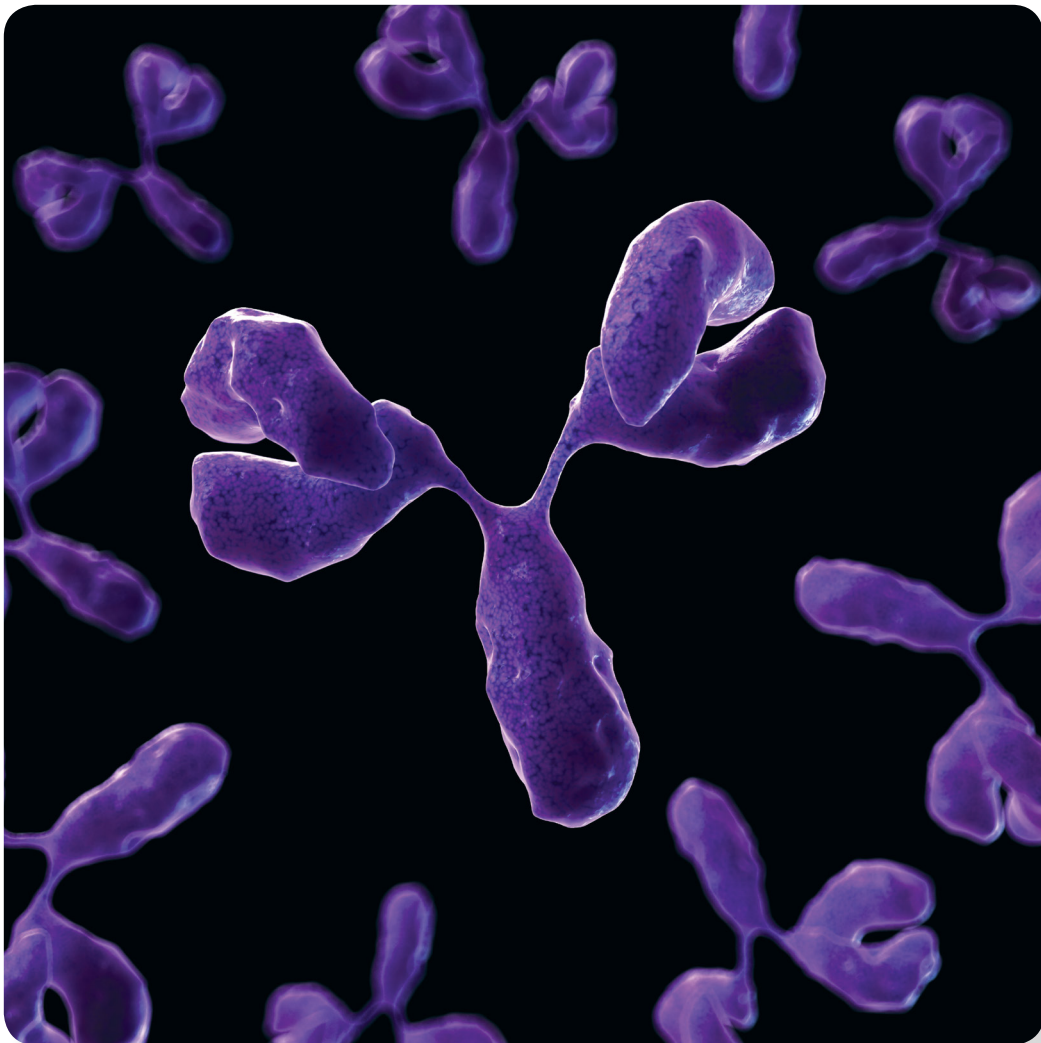
## Isotype Controls & Purified Immunoglobulins of Miscellaneous Species

Description	Clone/Source	Cat. No.	Format	Size
Hamster IgG	Pooled normal Syrian hamster serum	0121-01	UNLB	0.5 mg
		0121-02	FITC	0.5 mg
		0121-08	BIOT	0.5 mg
		0121-09	PE	0.1 mg
		0121-11	APC	0.1 mg
		0121-13	SPRD	0.1 mg
		0121-14	LE/AF	0.5 mg
		0121-15	CY5	0.1 mg
		0121-16	PE/CY5.5	0.1 mg
		0121-17	PE/CY7	0.1 mg
		0121-18	APC/CY5.5	0.1 mg
		0121-26	PACBLU	0.1 mg
		0121-27	AF700	0.1 mg
		0121-30	AF488	0.1 mg
		0121-31	AF647	0.1 mg
Monkey IgG	Pooled normal Rhesus monkey serum	0135-01	UNLB	1.0 mg
Rabbit IgG	Pooled normal rabbit serum	0111-01	UNLB	10 mg
		0111-02	FITC	100 tests
		0111-08	BIOT	0.5 mg
		0111-09	PE	100 tests
		0111-14	LE/AF	0.5 mg
Rabbit F(ab') <sub>2</sub> IgG	Pooled normal rabbit serum	0112-01	UNLB	5.0 mg
		0112-02	FITC	100 tests
		0112-09	PE	100 tests
Rabbit IgM	Pooled normal rabbit serum	0113-01	UNLB	0.5 mg
Sheep IgG	Pooled normal sheep serum	0133-01	UNLB	5.0 mg
		0133-08	BIOT	1.0 mg
		0133-09	PE	0.1 mg
Swine IgG	Pooled normal swine serum	0137-01	UNLB	10 mg

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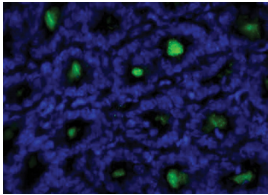
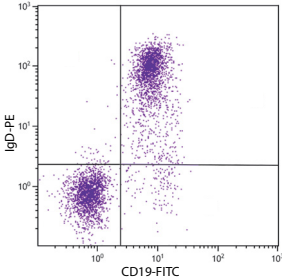
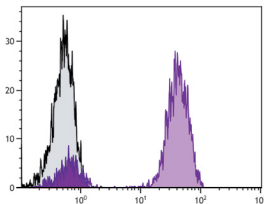
# Monoclonal Antibodies to Immunoglobulins



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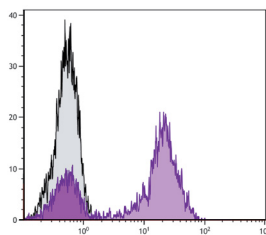
# Monoclonal Antibodies to Mouse Immunoglobulins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size			
IgA	11-44-2	Rat IgG <sub>1</sub> κ	FC, ELISA, FLISA, IHC-FS, IHC-PS, WB	1165-01	UNLB	0.5 mg			
				1165-02	FITC	0.5 mg			
				1165-04	AP	1.0 mL			
				1165-05	HRP	1.0 mL			
				1165-08	BIOT	0.5 mg			
				1165-09L	PE	0.2 mg			
				1165-09	PE	0.1 mg			
				1165-11	APC	0.1 mg			
				 <p>Mouse intestine tissue was stained with Rat Anti-Mouse IgA-UNLB (SB Cat. No. 1165-01) followed by Mouse Anti-Rat IgG<sub>1</sub>-FITC (SB Cat. No. 3060-02).</p>					
				IgD	11-26	Rat IgG <sub>2a</sub> κ	FC, IHC-FS, IP, Sep, Costim, PLA	1120-01	UNLB
1120-02	FITC	0.5 mg							
1120-08	BIOT	0.5 mg							
1120-09L	PE	0.2 mg							
1120-09	PE	0.1 mg							
1120-14	LE/AF	0.5 mg							
1120-26	PACBLU	0.1 mg							
1120-30	AF488	0.1 mg							
1120-31	AF647	0.1 mg							
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse IgD-PE (SB Cat. No. 1120-09) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).</p>									
IgE	23G3	Rat IgG <sub>1</sub> κ	ELISA, FLISA, FC, IHC-FS, IHC-WM, WB, ELISPOT, Neut	1130-01	UNLB	0.5 mg			
				1130-02	FITC	0.5 mg			
				1130-04	AP	1.0 mL			
				1130-05	HRP	1.0 mL			
				1130-08	BIOT	0.5 mg			
				1130-09L	PE	0.2 mg			
				1130-09	PE	0.1 mg			
				1130-14	LE/AF	0.5 mg			
IgG <sub>1</sub>	SB77e	Rat IgG <sub>2b</sub> κ	FC, ELISA, FLISA, WB	1144-01	UNLB	0.5 mg			
				1144-02	FITC	0.5 mg			
				1144-04	AP	1.0 mL			
				1144-05	HRP	1.0 mL			
				1144-08	BIOT	0.5 mg			
				1144-09	PE	0.1 mg			
				1144-30	AF488	0.1 mg			
				1144-31	AF647	0.1 mg			
				1144-32	AF555	0.1 mg			
				 <p>Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD3 primary (Isotype - Mouse IgG<sub>1</sub>) followed by Rat Anti-Mouse IgG<sub>1</sub>-AF488 (SB Cat. No. 1144-30).</p>					

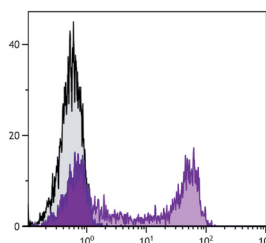


# Monoclonal Antibodies to Mouse Immunoglobulins

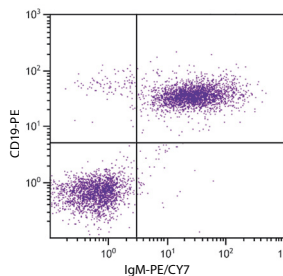
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
IgG <sub>2a</sub>	SB84a	Rat IgG <sub>1</sub> κ	FC, ELISA, FLISA, IHC-FS, ICC, WB, Multiplex	1155-01	UNLB	0.5 mg				
				1155-02	FITC	0.5 mg				
				1155-04	AP	1.0 mL				
				1155-05	HRP	1.0 mL				
				1155-08	BIOT	0.5 mg				
				1155-09L	PE	0.2 mg				
				1155-09	PE	0.1 mg				
				1155-30	AF488	0.1 mg				
				1155-31	AF647	0.1 mg				
				1155-32	AF555	0.1 mg				
IgG <sub>2b</sub>	SB74g	Rat IgG <sub>2b</sub> λ	FC, ELISA, FLISA, WB	1186-01	UNLB	0.5 mg				
				1186-02	FITC	0.5 mg				
				1186-04	AP	1.0 mL				
				1186-05	HRP	1.0 mL				
				1186-08	BIOT	0.5 mg				
				1186-09L	PE	0.2 mg				
				1186-09	PE	0.1 mg				
IgG <sub>3</sub>	SB76b	Rat IgG <sub>2a</sub> λ	FC, ELISA, FLISA	1191-01	UNLB	0.5 mg				
				1191-02	FITC	0.5 mg				
				1191-04	AP	1.0 mL				
				1191-05	HRP	1.0 mL				
				1191-08	BIOT	0.5 mg				
				1191-09L	PE	0.2 mg				
				1191-09	PE	0.1 mg				
IgM	1B4B1	Rat IgG <sub>1</sub> κ	FC, ELISA, FLISA, IHC-FS, WB, ELISPOT, PLA, SPR	1140-01	UNLB	0.5 mg				
				1140-02	FITC	0.5 mg				
				1140-04	AP	1.0 mL				
				1140-05	HRP	1.0 mL				
				1140-08	BIOT	0.5 mg				
				1140-09L	PE	0.2 mg				
				1140-09	PE	0.1 mg				
				1140-11	APC	0.1 mg				
				1140-17	PE/CY7	0.1 mg				
				1140-32	AF555	0.1 mg				



Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD5 (Isotype - Mouse IgG<sub>2a</sub>) followed by Rat Anti-Mouse IgG<sub>2a</sub>-PE (SB Cat. No. 1155-09).



Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD45RA primary (Isotype - Mouse IgG<sub>2b</sub>) followed by Rat Anti-Mouse IgG<sub>2b</sub>-FITC (SB Cat. No. 1186-02).



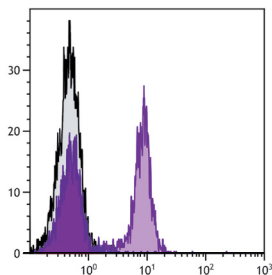
BALB/c mouse splenocytes were stained with Rat Anti-Mouse IgM-PE/CY7 (SB Cat. No. 1140-17) and Rat Anti-Mouse CD19-PE (SB Cat. No. 1575-09).

# Monoclonal Antibodies to Mouse Immunoglobulins

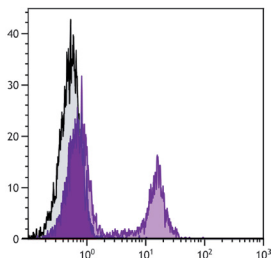
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size	
IgM	SB73a	Rat IgG <sub>1</sub> κ	FC, ELISA, WB	1139-01	UNLB	0.5 mg	
				1139-04	AP	1.0 mL	
				1139-05	HRP	1.0 mL	
<p>ELISA plate was coated with purified mouse IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Rat Anti-Mouse IgM-HRP (SB Cat. No. 1139-05).</p>							
IgM	SB73a	Rat F(ab') <sub>2</sub> IgG <sub>1</sub> κ	FC, ELISA, Stim	1142-01	UNLB	0.5 mg	
Kappa	187.1	Rat IgG <sub>1</sub> κ	FC, ELISA, FLISA, IHC-FS, WB-NR, IP, Purification, Costim	1170-01	UNLB	0.5 mg	
				1170-02	FITC	0.5 mg	
				1170-02S	FITC	0.1 mg	
				1170-04	AP	1.0 mL	
				1170-05	HRP	1.0 mL	
				1170-08	BIOT	0.5 mg	
				1170-09L	PE	0.2 mg	
				1170-09	PE	0.1 mg	
				<p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse Kappa-BIOT (SB Cat. No. 1170-08) and Rat Anti-Mouse CD19-PE (SB Cat. No. 1575-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).</p>			
Kappa	H139-52.1	Rat IgG <sub>1</sub> κ	FC, ELISA, FLISA, ICC, WB	1180-01	UNLB	0.5 mg	
				1180-02	FITC	0.5 mg	
				1180-04	AP	1.0 mL	
				1180-05	HRP	1.0 mL	
				1180-08	BIOT	0.5 mg	
				1180-09L	PE	0.2 mg	
				1180-09	PE	0.1 mg	
				<p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse Kappa-PE (SB Cat. No. 1180-09) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).</p>			
				Lambda	JC5-1	Rat IgG <sub>2b</sub> κ	FC, ELISA, FLISA, IHC-FS, WB-NR, Sep
1175-02	FITC	0.5 mg					
1175-04	AP	1.0 mL					
1175-05	HRP	1.0 mL					
1175-08	BIOT	0.5 mg					
1175-09L	PE	0.2 mg					
1175-09	PE	0.1 mg					
<p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse Lambda-PE (SB Cat. No. 1175-09) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).</p>							

# Monoclonal Antibodies to Rat Immunoglobulins

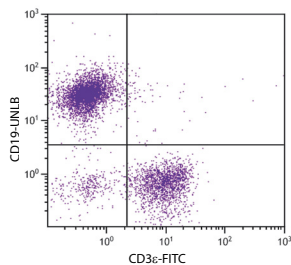
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IgG <sub>1</sub>	G17E7	Mouse IgG <sub>1</sub> κ	FC, ELISA, FLISA, IHC-FS	3060-01	UNLB	0.5 mg
				3060-02	FITC	0.5 mg
				3060-05	HRP	1.0 mL
				3060-08	BIOT	0.5 mg
				3060-09	PE	0.1 mg
				3060-15	CY5	0.1 mg
IgG <sub>1</sub>	G11C5	Mouse IgG <sub>2b</sub> κ	FC, ELISA, FLISA, IHC-FS, ELISPOT	3061-01	UNLB	0.5 mg
				3061-02	FITC	0.5 mg
				3061-04	AP	1.0 mL
				3061-05	HRP	1.0 mL
				3061-08	BIOT	0.5 mg
				3061-09	PE	0.1 mg
				3061-15	CY5	0.1 mg
				3061-30	AF488	0.1 mg
				3061-31	AF647	0.1 mg
				3061-32	AF555	0.1 mg
				IgG <sub>2a</sub>	2A8F4	Mouse IgG <sub>1</sub> κ
3065-02	FITC	0.5 mg				
3065-04	AP	1.0 mL				
3065-05	HRP	1.0 mL				
3065-08	BIOT	0.5 mg				
3065-09	PE	0.1 mg				
3065-15	CY5	0.1 mg				
3065-30	AF488	0.1 mg				
3065-31	AF647	0.1 mg				
3065-32	AF555	0.1 mg				
IgG <sub>2b</sub>	2B10A8	Mouse IgG <sub>2b</sub> κ	FC, ELISA, FLISA, IHC-FS, WB			
				3070-02	FITC	0.5 mg
				3070-04	AP	1.0 mL
				3070-05	HRP	1.0 mL
				3070-09	PE	0.1 mg
				3070-15	CY5	0.1 mg
				3070-28	BIMA	0.5 mg
				3070-30	AF488	0.1 mg
				3070-31	AF647	0.1 mg
				3070-32	AF555	0.1 mg



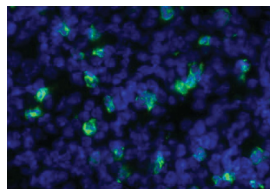
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD22-UNLB (Isotype - Rat IgG<sub>1</sub>; SB Cat. No. 1580-01) followed by Mouse Anti-Rat IgG<sub>1</sub>-BIOT (SB Cat. No. 3060-08) and then Streptavidin-FITC (SB Cat. No. 7100-02).



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD22-UNLB (Isotype - Rat IgG<sub>1</sub>; SB Cat. No. 1580-01) followed by Mouse Anti-Rat IgG<sub>1</sub>-AF488 (SB Cat. No. 3061-30).

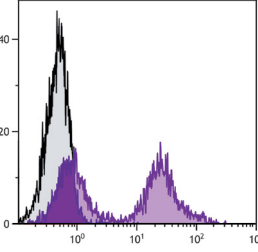
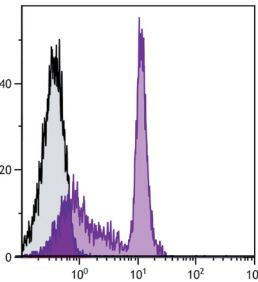
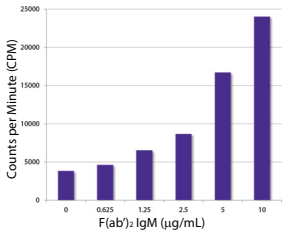
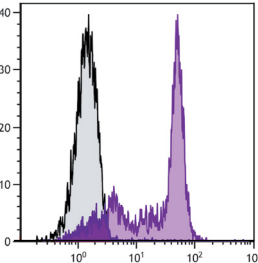


BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD19-UNLB (SB Cat. No. 1575-01) and Rat Anti-Mouse CD3 $\epsilon$ -FITC (SB Cat. No. 1535-02) followed by Mouse Anti-Rat IgG<sub>2a</sub>-PE (SB Cat. No. 3065-09).



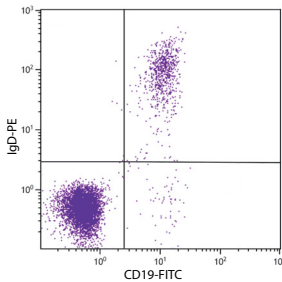
Mouse spleen tissue was stained with Rat Anti-Mouse Ly-6G/Ly-6C-UNLB (Isotype - Rat IgG<sub>2b</sub>; SB Cat. No. 1900-01) followed by Mouse Anti-Rat IgG<sub>2b</sub>-FITC (SB Cat. No. 3070-02).

# Monoclonal Antibodies to Rat Immunoglobulins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size			
IgG <sub>2c</sub>	2C8F1	Mouse IgG <sub>2a</sub> κ	FC, ELISA, FLISA, IHC-FS	3075-01	UNLB	0.5 mg			
				3075-02	FITC	0.5 mg			
				3075-04	AP	1.0 mL			
				3075-05	HRP	1.0 mL			
				3075-08	BIOT	0.5 mg			
				3075-09	PE	0.1 mg			
				3075-15	CY5	0.1 mg			
				 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD24-UNLB (Isotype - Rat IgG<sub>2c</sub>; SB Cat. No. 1815-01) followed by Mouse Anti-Rat IgG<sub>2c</sub>-FITC (SB Cat. No. 3075-02).</p>					
				IgM	M2A1	Mouse IgG <sub>1</sub> κ	FC, ELISA, FLISA, IHC-FS, ICC	3080-01	UNLB
3080-02	FITC	0.5 mg							
3080-05	HRP	1.0 mL							
3080-08	BIOT	0.5 mg							
3080-09	PE	0.1 mg							
3080-15	CY5	0.1 mg							
3080-30	AF488	0.1 mg							
3080-31	AF647	0.1 mg							
3080-32	AF555	0.1 mg							
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45RC-UNLB (Isotype - Rat IgM; SB Cat. No. 1685-01) followed by Mouse Anti-Rat IgM-FITC (SB Cat. No. 3080-02).</p>									
IgM	M2A1	Mouse F(ab') <sub>2</sub> IgG <sub>1</sub> κ	FC, ELISA, Stim	3082-01	UNLB	0.5 mg			
				3082-14	LE/AF	0.5 mg			
 <p>5 x 10<sup>5</sup> Sprague Dawley rat splenocytes were incubated with the indicated concentrations of Mouse F(ab')<sub>2</sub> Anti-Rat IgM-UNLB (SB Cat. No. 3082-01) for 48 hours. B-cell proliferation was determined by 3H-thymidine incorporation assay.</p>									
Kappa	K4F5	Mouse IgG <sub>2a</sub> κ	FC, ELISA, FLISA, IHC-FS, WB	3090-01	UNLB	0.5 mg			
				3090-02	FITC	0.5 mg			
				3090-04	AP	1.0 mL			
				3090-05	HRP	1.0 mL			
				3090-08	BIOT	0.5 mg			
				3090-09	PE	0.1 mg			
 <p>BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45RC-UNLB (Isotype - Rat IgMκ; SB Cat. No. 1685-01) followed by Mouse Anti-Rat Kappa-PE (SB Cat. No. 3090-09).</p>									

# Monoclonal Antibodies to Human Immunoglobulins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IgA <sub>1</sub>	B3506B4	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, ELISPOT, FC, IHC-FS, ICC, WB, Multiplex, Sep, Depletion	9130-01	UNLB	0.5 mg
				9130-02	FITC	0.5 mg
				9130-04	AP	1.0 mL
				9130-05	HRP	1.0 mL
				9130-08	BIOT	0.5 mg
				9130-09	PE	0.1 mg
				9130-30	AF488	0.1 mg
				9130-31	AF647	0.1 mg
IgA <sub>2</sub>	A9604D2	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, ELISPOT, FC, IHC-FS, IHC-PS, WB, Multiplex, Sep, Depletion	9140-01	UNLB	0.5 mg
				9140-02	FITC	0.5 mg
				9140-04	AP	1.0 mL
				9140-05	HRP	1.0 mL
				9140-08	BIOT	0.5 mg
				9140-09	PE	0.1 mg
				9140-30	AF488	0.1 mg
				9140-31	AF647	0.1 mg
IgD	IADB6 (IA6-2)	Mouse IgG <sub>2a</sub> κ	ELISA, FLISA, FC, IHC-FS, IHC-PS, IP, Sep, Costim	9030-01	UNLB	0.5 mg
				9030-02	FITC	0.5 mg
				9030-04	AP	1.0 mL
				9030-05	HRP	1.0 mL
				9030-08	BIOT	0.5 mg
				9030-09	PE	0.1 mg
				9030-30	AF488	0.1 mg
				9030-31	AF647	0.1 mg



Human blood peripheral lymphocytes were stained with Mouse Anti-Human IgD-PE (SB Cat. No. 9030-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).

9030-01	UNLB	0.5 mg
9030-02	FITC	0.5 mg
9030-04	AP	1.0 mL
9030-05	HRP	1.0 mL
9030-08	BIOT	0.5 mg
9030-09	PE	0.1 mg
9030-30	AF488	0.1 mg
9030-31	AF647	0.1 mg

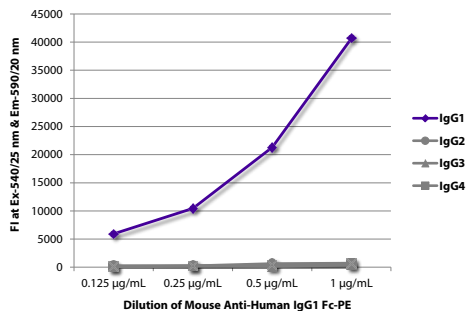
IgE Fc	HP6061	Mouse IgMκ	ELISA, ELISPOT, Purification, Stim	9240-01	UNLB	0.5 mg
IgE Fc	B3102E8	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC, IHC-FS, ICC, WB	9160-01	UNLB	0.5 mg
				9160-02	FITC	0.5 mg
				9160-04	AP	1.0 mL
				9160-05	HRP	1.0 mL
				9160-08	BIOT	0.5 mg
IgE Fc	HP6029	Mouse IgG <sub>2a</sub> κ	ELISA, FLISA, ELISPOT, WB, Purification	9250-01	UNLB	0.5 mg
				9250-02	FITC	0.5 mg
				9250-04	AP	1.0 mL
				9250-05	HRP	1.0 mL
				9250-08	BIOT	0.5 mg

# Monoclonal Antibodies to Human Immunoglobulins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IgG Fc	JDC-10	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC, IHC-PS, WB, Multiplex	9040-01	UNLB	0.5 mg
				9040-04	AP	1.0 mL
				9040-05	HRP	1.0 mL
				9040-08	BIOT	0.5 mg
				9040-09	PE	0.1 mg
				9040-30	AF488	0.1 mg

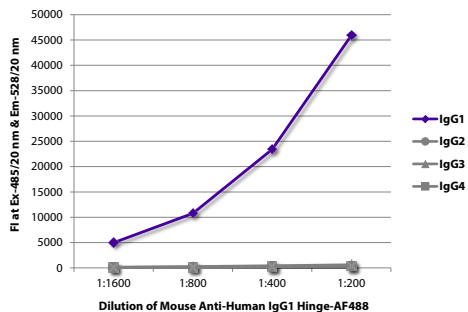
IgG Fc	H2	Mouse IgG <sub>2b</sub> κ	ELISA, FLISA, FC, ELISPOT, WB, Multiplex	9042-01	UNLB	0.5 mg
				9042-02	FITC	0.5 mg
				9042-04	AP	1.0 mL
				9042-05	HRP	1.0 mL
				9042-08	BIOT	0.5 mg
				9042-09	PE	0.1 mg
				9042-11	APC	0.1 mg
				9042-13	SPRD	0.1 mg
				9042-14	LE/AF	0.5 mg
				9042-15	CY5	0.1 mg
				9042-30	AF488	0.1 mg
				9042-31	AF647	0.1 mg
				9042-32	AF555	0.1 mg

IgG <sub>1</sub> Fc	HP6001	Mouse IgG <sub>2b</sub> κ	ELISA, FLISA, FC, WB, Multiplex	9054-01	UNLB	0.5 mg
				9054-04	AP	1.0 mL
				9054-05	HRP	1.0 mL
				9054-09	PE	0.1 mg
				9054-28	BIMA	0.5 mg



FLISA plate was coated with purified human IgG<sub>1</sub>, IgG<sub>2</sub>, IgG<sub>3</sub>, and IgG<sub>4</sub>. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG<sub>1</sub> Fc-PE (SB Cat. No. 9054-09).

IgG <sub>1</sub> Hinge	4E3	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC, IHC-PS, WB, Multiplex, Sep, Purification	9052-01	UNLB	0.5 mg
				9052-02	FITC	0.5 mg
				9052-04	AP	1.0 mL
				9052-05	HRP	1.0 mL
				9052-08	BIOT	0.5 mg
				9052-09	PE	0.1 mg
				9052-30	AF488	0.1 mg
				9052-31	AF647	0.1 mg
				9052-32	AF555	0.1 mg



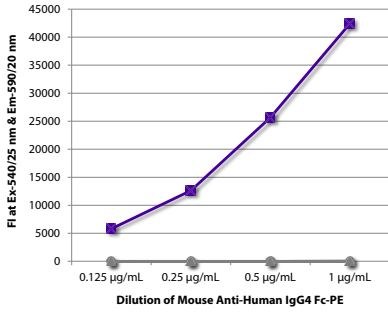
FLISA plate was coated with purified human IgG<sub>1</sub>, IgG<sub>2</sub>, IgG<sub>3</sub>, and IgG<sub>4</sub>. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG<sub>1</sub> Hinge-AF488 (SB Cat. No. 9052-30).

# Monoclonal Antibodies to Human Immunoglobulins

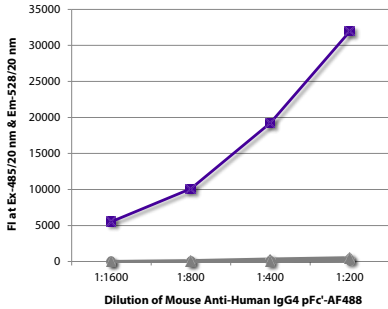
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IgG <sub>2</sub> Fc	31-7-4	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, ELISPOT, FC, ICC, WB, Multiplex	9060-01	UNLB	0.5 mg
				9060-04	AP	1.0 mL
				9060-05	HRP	1.0 mL
				9060-08	BIOT	0.5 mg
				9060-09	PE	0.1 mg
<p>ELISA plate was coated with purified human IgG<sub>1</sub>, IgG<sub>2</sub>, IgG<sub>3</sub>, and IgG<sub>4</sub>. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG<sub>2</sub> Fc-HRP (SB Cat. No. 9060-05).</p>						
IgG <sub>2</sub> Fc	HP6002	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, ELISPOT, FC, IHC-FS, IHC-PS, WB, IP, Multiplex, Purification, SPR	9070-01	UNLB	0.5 mg
				9070-02	FITC	0.5 mg
				9070-04	AP	1.0 mL
				9070-05	HRP	1.0 mL
				9070-08	BIOT	0.5 mg
				9070-09	PE	0.1 mg
				9070-30	AF488	0.1 mg
				9070-31	AF647	0.1 mg
9070-32	AF555	0.1 mg				
<p>ELISA plate was coated with purified human IgG<sub>1</sub>, IgG<sub>2</sub>, IgG<sub>3</sub>, and IgG<sub>4</sub>. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG<sub>2</sub> Fc-BIOT (SB Cat. No. 9070-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).</p>						
IgG <sub>2</sub> Fd	HP6014	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC, IHC-FS, IHC-PS, WB, IP, Purification, Depletion	9080-01	UNLB	0.5 mg
				9080-02	FITC	0.5 mg
				9080-04	AP	1.0 mL
				9080-05	HRP	1.0 mL
				9080-08	BIOT	0.5 mg
				9080-09	PE	0.1 mg
				9080-30	AF488	0.1 mg
9080-31	AF647	0.1 mg				
<p>FLISA plate was coated with purified human IgG<sub>1</sub>, IgG<sub>2</sub>, IgG<sub>3</sub>, and IgG<sub>4</sub>. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG<sub>2</sub> Fd-FITC (SB Cat. No. 9080-02).</p>						
IgG <sub>3</sub> Hinge	HP6050	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, ELISPOT, FC, IHC-FS, IHC-PS, WB, IP, Multiplex, Purification, SPR	9210-01	UNLB	0.5 mg
				9210-02	FITC	0.5 mg
				9210-04	AP	1.0 mL
				9210-05	HRP	1.0 mL
				9210-08	BIOT	0.5 mg
				9210-09	PE	0.1 mg
				9210-30	AF488	0.1 mg
				9210-31	AF647	0.1 mg
9210-32	AF555	0.1 mg				
<p>FLISA plate was coated with purified human IgG<sub>1</sub>, IgG<sub>2</sub>, IgG<sub>3</sub>, and IgG<sub>4</sub>. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG<sub>3</sub> Hinge-PE (SB Cat. No. 9210-09).</p>						

# Monoclonal Antibodies to Human Immunoglobulins

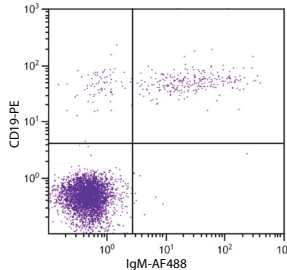
Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size				
IgG <sub>4</sub> Fc	HP6025	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC, IHC-FS, IHC-PS, ICC, WB, Microarray, Multiplex, Purification	9200-01	UNLB	0.5 mg				
				9200-02	FITC	0.5 mg				
				9200-04	AP	1.0 mL				
				9200-05	HRP	1.0 mL				
				9200-08	BIOT	0.5 mg				
				9200-09	PE	0.1 mg				
				9200-30	AF488	0.1 mg				
				9200-31	AF647	0.1 mg				
				9200-32	AF555	0.1 mg				
				IgG <sub>4</sub> pFc'	HP6023	Mouse IgG <sub>3</sub> κ	ELISA, FLISA, FC, IHC-FS, WB, IP, SPR	9190-01	UNLB	0.5 mg
								9190-02	FITC	0.5 mg
								9190-04	AP	1.0 mL
9190-05	HRP	1.0 mL								
9190-08	BIOT	0.5 mg								
9190-09	PE	0.1 mg								
9190-30	AF488	0.1 mg								
9190-31	AF647	0.1 mg								
IgM	SA-DA4	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC, IHC-FS, ICC, IP, WB, Multiplex, Stim					9020-01	UNLB	0.5 mg
								9020-02	FITC	0.5 mg
								9020-04	AP	1.0 mL
								9020-05	HRP	1.0 mL
				9020-08	BIOT	0.5 mg				
				9020-09	PE	0.1 mg				
				9020-11	APC	0.1 mg				
				9020-30	AF488	0.1 mg				
				9020-31	AF647	0.1 mg				
				9020-32	AF555	0.1 mg				
				IgM	UHB	Mouse IgG <sub>3</sub> κ	ELISA, FLISA, FC, WB, Stim	9022-01	UNLB	0.5 mg
								9022-02	FITC	0.5 mg
9022-04	AP	1.0 mL								
9022-05	HRP	1.0 mL								
9022-08	BIOT	0.5 mg								
9022-09	PE	0.1 mg								
9022-13	SPRD	0.1 mg								
9022-14	LE/AF	0.5 mg								



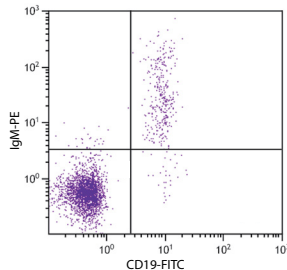
FLISA plate was coated with purified human IgG<sub>1</sub>, IgG<sub>2</sub>, IgG<sub>3</sub>, and IgG<sub>4</sub>. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG<sub>4</sub> Fc-PE (SB Cat. No. 9200-09).



FLISA plate was coated with purified human IgG<sub>1</sub>, IgG<sub>2</sub>, IgG<sub>3</sub>, and IgG<sub>4</sub>. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG<sub>4</sub> pFc'-AF488 (SB Cat. No. 9190-30).



Human blood peripheral lymphocytes were stained with Mouse Anti-Human IgM-AF488 (SB Cat. No. 9020-30) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).



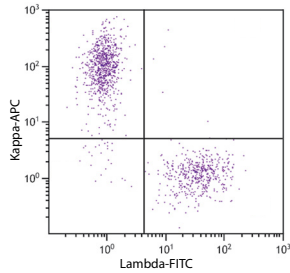
Human blood peripheral lymphocytes were stained with Mouse Anti-Human IgM-PE (SB Cat. No. 9022-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).



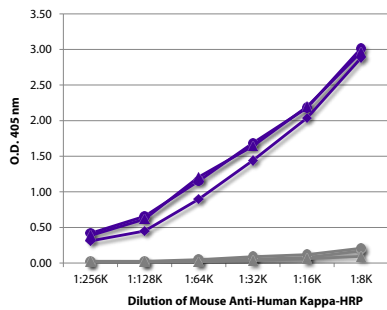
# Monoclonal Antibodies to Human Immunoglobulins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IgM	UHB	Mouse F(ab') <sub>2</sub> IgG <sub>3</sub> κ	ELISA, Stim, FC	9023-01	UNLB	0.25 mg

Kappa	SB81a	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC	9230-01	UNLB	0.5 mg
				9230-02	FITC	0.5 mg
				9230-04	AP	1.0 mL
				9230-05	HRP	1.0 mL
				9230-08	BIOT	0.5 mg
				9230-09	PE	0.1 mg
				9230-11	APC	0.1 mg
				9230-30	AF488	0.1 mg
				9230-31	AF647	0.1 mg
				9230-32	AF555	0.1 mg

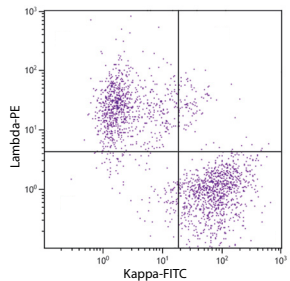


CD19 positive human blood peripheral lymphocytes were stained with Mouse Anti-Human Kappa-APC (SB Cat. No. 9230-11) and Goat F(ab')<sub>2</sub> Anti-Human Lambda, Mouse ads-FITC (SB Cat. No. 2073-02).



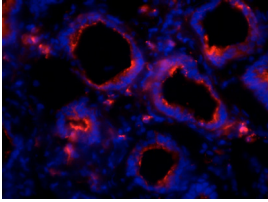
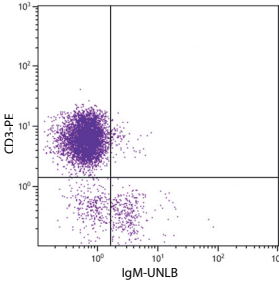
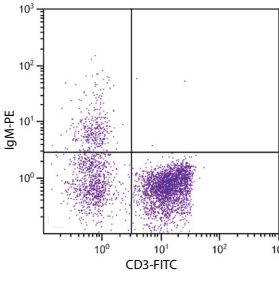
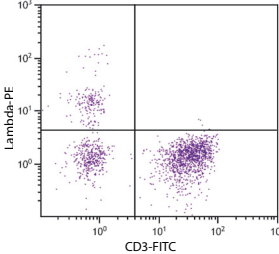
ELISA plate was coated with purified human IgGκ, IgAκ, IgMκ, IgGλ, IgAλ, and IgMλ. Immunoglobulins were detected with serially diluted Mouse Anti-Human Kappa-HRP (SB Cat. No. 9230-05).

Lambda	JDC-12	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC, WB, IP	9180-01	UNLB	0.5 mg
				9180-02	FITC	0.5 mg
				9180-04	AP	1.0 mL
				9180-05	HRP	1.0 mL
				9180-08	BIOT	0.5 mg
				9180-09	PE	0.1 mg
				9180-30	AF488	0.1 mg



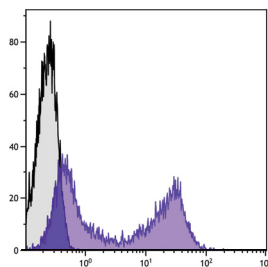
CD19 positive human blood peripheral lymphocytes were stained with Mouse Anti-Human Lambda-PE (SB Cat. No. 9180-09) and Goat F(ab')<sub>2</sub> Anti-Human Kappa-FITC (SB Cat. No. 2062-02).

# Monoclonal Antibodies to Chicken Immunoglobulins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IgA	A-1	Mouse IgG <sub>2b</sub> κ	ICC, FC, IHC-FS, IHC-PS, IP, ELISA	8330-01	UNLB	0.5 mg
				8330-02	FITC	0.5 mg
				8330-08	BIOT	0.5 mg
				8330-09	PE	0.1 mg
			 <p>Chicken intestine tissue was stained with Mouse Anti-Chicken IgA-BIOT (SB Cat. No. 8330-08) followed by Streptavidin-CY3 (SB Cat. No. 7100-12).</p>			
IgM	M-4	Mouse IgMκ	FC, IP, Stim, Apop	8300-01	UNLB	0.5 mg
				8300-08	BIOT	0.5 mg
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken IgM-UNLB (SB Cat. No. 8300-01) and Mouse Anti-Chicken CD3-PE (SB Cat. No. 8200-09) followed by Goat Anti-Mouse IgM, Human ads-FITC (SB Cat. No. 1020-02).</p>			
IgM	M-1	Mouse IgG <sub>2b</sub> κ	FC, ELISA, FLISA, IHC-FS, ICC, IP, Stim	8310-01	UNLB	0.5 mg
				8310-02	FITC	0.5 mg
				8310-08	BIOT	0.5 mg
				8310-09	PE	0.1 mg
				8310-11	APC	0.1 mg
				8310-13	SPRD	0.1 mg
8310-31	AF647	0.1 mg				
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken IgM-PE (SB Cat. No. 8310-09) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).</p>			
IgY	G-1	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC, IHC-FS, ICC, IP	8320-01	UNLB	0.5 mg
				8320-02	FITC	0.5 mg
				8320-08	BIOT	0.5 mg
				8320-09	PE	0.1 mg
				8320-31	AF647	0.1 mg
Lambda	L-1	Mouse IgG <sub>1</sub> κ	FC, IHC-FS, ICC, IP, WB	8340-01	UNLB	0.5 mg
				8340-02	FITC	0.5 mg
				8340-08	BIOT	0.5 mg
				8340-09	PE	0.1 mg
			 <p>Chicken peripheral blood mononuclear cells were stained with Mouse Anti-Chicken Lambda-PE (SB Cat. No. 8340-09) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).</p>			

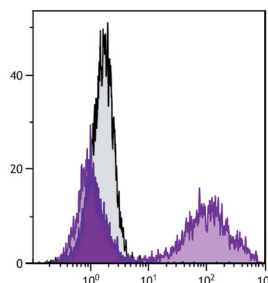
# Monoclonal Antibodies to Rabbit Immunoglobulins

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IgG	SB87a	Rat IgG <sub>2a</sub> κ	ELISA, FLISA, FC	4065-01	UNLB	0.5 mg
				4065-05	HRP	1.0 mL
				4065-08	BIOT	0.5 mg
				4065-09	PE	0.1 mg
				4065-13	SPRD	0.1 mg



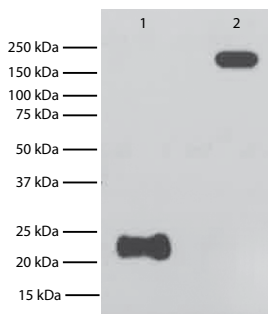
Rabbit blood peripheral lymphocytes were stained with Rat Anti-Rabbit Ig-BIOT (SB Cat. No. 4065-08) followed by Streptavidin-FITC (SB Cat. No. 7100-02).

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
IgG	2A9	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC, IHC-PS, WB	4090-01	UNLB	0.5 mg
				4090-02	FITC	0.5 mg
				4090-04	AP	1.0 mL
				4090-05	HRP	1.0 mL
				4090-08	BIOT	0.5 mg
				4090-09	PE	0.1 mg
				4090-13	SPRD	0.1 mg
				4090-32	AF555	0.1 mg



BALB/c mouse splenocytes were stained with Rabbit Anti-Mouse IgM-UNLB and Mouse Anti-Rabbit IgG-PE (SB Cat. No. 4090-09).

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Light Chain	SB62a	Mouse IgG <sub>2b</sub> λ	ELISA, WB	4060-01	UNLB	0.5 mg
				4060-04	AP	1.0 mL
				4060-05	HRP	1.0 mL

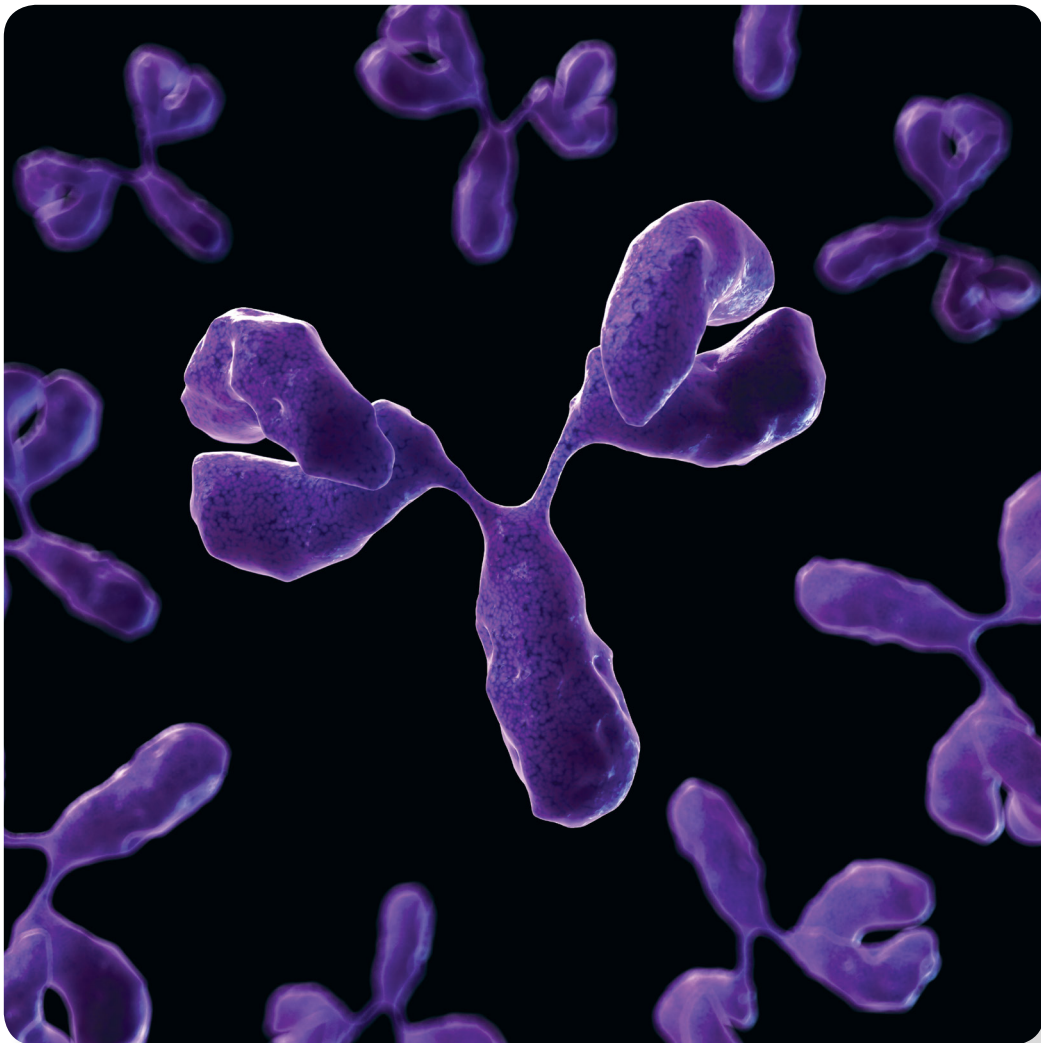


Reduced (1) and non-reduced (2) rabbit IgG was resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Rabbit Light Chain-HRP (SB Cat. No. 4060-05). Light chains were visualized using chemiluminescent detection.

## Monoclonal Antibodies to Immunoglobulins of Miscellaneous Species

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Goat IgG Fc	SB115h	Mouse IgG <sub>2b</sub> κ	ELISA, FLISA	6157-01	UNLB	0.5 mg
				6157-05	HRP	1.0 mL
				6157-08	BIOT	0.5 mg
				6157-09	PE	0.1 mg
Goat IgG Fc	SB115d	Mouse IgG <sub>2a</sub> κ	ELISA, FLISA, WB	6158-01	UNLB	0.5 mg
				6158-05	HRP	1.0 mL
				6158-08	BIOT	0.5 mg
				6158-30	AF488	0.1 mg
				6158-31	AF647	0.1 mg
				6158-32	AF555	0.1 mg
Hamster IgG <sub>1</sub>	SB139a	Mouse IgG <sub>2b</sub> κ	ELISA, FLISA, FC	1940-01	UNLB	0.5 mg
				1940-02	FITC	0.5 mg
				1940-05	HRP	1.0 mL
				1940-08	BIOT	0.5 mg
				1940-09	PE	0.1 mg
Hamster IgG <sub>2</sub> /IgG <sub>3</sub>	SB139e	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC	1935-01	UNLB	0.5 mg
				1935-02	FITC	0.5 mg
				1935-05	HRP	1.0 mL
				1935-08	BIOT	0.5 mg
				1935-09	PE	0.1 mg
Hamster IgG <sub>3</sub>	SB139b	Mouse IgG <sub>1</sub> κ	ELISA	1930-01	UNLB	0.5 mg
				1930-05	HRP	1.0 mL
				1930-08	BIOT	0.5 mg
Monkey IgG	SB108a	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, FC	4700-01	UNLB	0.5 mg
				4700-02	FITC	0.5 mg
				4700-04	AP	1.0 mL
				4700-05	HRP	1.0 mL
				4700-08	BIOT	0.5 mg
				4700-09	PE	0.1 mg
				4700-30	AF488	0.1 mg
				4700-31	AF647	0.1 mg
				4700-32	AF555	0.1 mg

# Polyclonal Antibodies to Immunoglobulins & Serum Albumins



**SouthernBiotech**

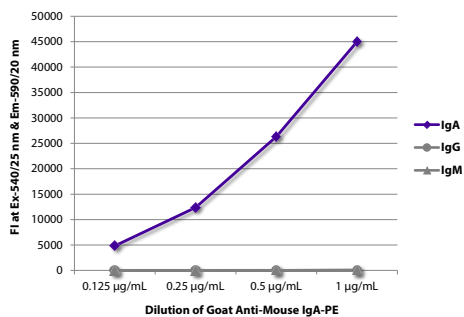
[www.SouthernBiotech.com](http://www.SouthernBiotech.com) [info@SouthernBiotech.com](mailto:info@SouthernBiotech.com)  
Toll Free 800.722.2255 Tel 205.945.1774 Fax 205.945.8768

## Polyclonal Antibodies to Mouse Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
Ig	Goat Anti-Mouse Ig, Human ads	Goat	Human Ig	1010-01	UNLB	2.0 mg
				1010-02	FITC	1.0 mg
				1010-03	TRITC	1.0 mg
				1010-04	AP	1.0 mL
				1010-05	HRP	1.0 mL
				1010-06	β-Gal	1.0 mL
				1010-07	TXRD	1.0 mg
				1010-08	BIOT	1.0 mg
				1010-09	PE	0.5 mg
				1010-09S	PE	0.25 mg
				1010-30	AF488	1.0 mg
				1010-31	AF647	1.0 mg
				1010-32	AF555	1.0 mg

Ig	Goat F(ab') <sub>2</sub> Anti-Mouse Ig, Human ads	Goat F(ab') <sub>2</sub>	Human Ig	1012-01	UNLB	0.5 mg
				1012-02	FITC	0.5 mg
				1012-04	AP	1.0 mL
				1012-05	HRP	1.0 mL
				1012-08	BIOT	0.5 mg
				1012-09	PE	0.25 mg
				1012-10	PE/TXRD	0.25 mg
				1012-11	APC	0.25 mg
				1012-13	SPRD	0.25 mg
				1012-15	CY5	0.5 mg
				1012-16	PE/CY5.5	0.25 mg
				1012-30	AF488	0.5 mg
				1012-31	AF647	0.5 mg
1012-32	AF555	0.5 mg				

IgA	Goat Anti-Mouse IgA	Goat	1040-01	UNLB	1.0 mg
			1040-02	FITC	0.5 mg
			1040-03	TRITC	0.5 mg
			1040-04	AP	1.0 mL
			1040-05	HRP	1.0 mL
			1040-07	TXRD	0.5 mg
			1040-08	BIOT	1.0 mg
			1040-09	PE	0.25 mg
			1040-31	AF647	1.0 mg
			1040-32	AF555	1.0 mg

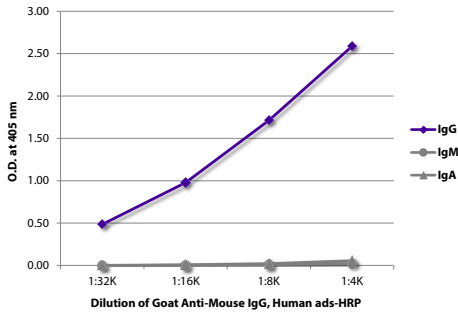


FLISA plate was coated with purified mouse IgA, IgG, and IgM. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgA-PE (SB Cat. No. 1040-09).

# Polyclonal Antibodies to Mouse Immunoglobulins

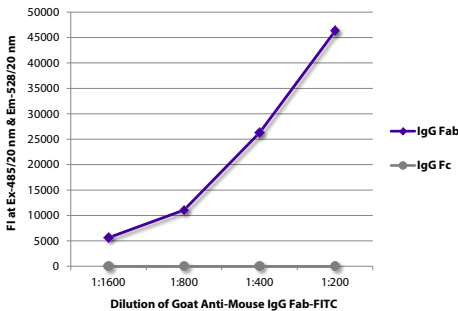
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgE	Goat Anti-Mouse IgE	Goat		1110-01	UNLB	1.0 mg
				1110-02	FITC	1.0 mg
				1110-04	AP	1.0 mL
				1110-05	HRP	1.0 mL
				1110-08	BIOT	1.0 mg
				1110-09	PE	0.5 mg

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG	Goat Anti-Mouse IgG, Human ads	Goat	Human Ig	1030-01	UNLB	1.0 mg
				1030-02	FITC	1.0 mg
				1030-03	TRITC	1.0 mg
				1030-04	AP	1.0 mL
				1030-05	HRP	1.0 mL
				1030-06	$\beta$ -Gal	1.0 mL
				1030-07	TXRD	1.0 mg
				1030-08	BIOT	1.0 mg
				1030-09	PE	0.5 mg
				1030-09S	PE	0.25 mg
				1030-15	CY5	1.0 mg
				1030-30	AF488	1.0 mg
				1030-31	AF647	1.0 mg
				1030-32	AF555	1.0 mg



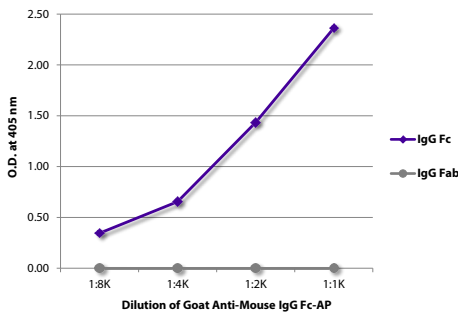
ELISA plate was coated with purified mouse IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05).

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG Fab	Goat Anti-Mouse IgG Fab	Goat		1015-01	UNLB	1.0 mg
				1015-02	FITC	1.0 mg
				1015-04	AP	1.0 mL
				1015-05	HRP	1.0 mL
				1015-08	BIOT	1.0 mg



ELISA plate was coated with purified mouse IgG Fab and IgG Fc. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG Fab-FITC (SB Cat. No. 1015-02).

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG Fc	Goat Anti-Mouse IgG Fc	Goat		1033-01	UNLB	1.0 mg
				1033-02	FITC	1.0 mg
				1033-04	AP	1.0 mL
				1033-05	HRP	1.0 mL
				1033-08	BIOT	1.0 mg
				1033-30	AF488	1.0 mg
1033-31	AF647	1.0 mg				



ELISA plate was coated with purified mouse IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG Fc-AP (SB Cat. No. 1033-04).

## Polyclonal Antibodies to Mouse Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG Fc	Goat Anti-Mouse IgG Fc, Human/Bovine/ Horse SP ads	Goat	Human/Bovine/ Horse SP	1013-01	UNLB	1.0 mg
IgG(H+L)	Donkey Anti-Mouse IgG(H+L)	Donkey		6411-01	UNLB	1.0 mg
				6411-02	FITC	1.0 mg
				6411-04	AP	1.0 mL
				6411-05	HRP	1.0 mL
				6411-08	BIOT	1.0 mg
				6411-30	AF488	1.0 mg
				6411-31	AF647	1.0 mg
				6411-32	AF555	1.0 mg
IgG(H+L)	Donkey F(ab') <sub>2</sub> Anti-Mouse IgG(H+L)	Donkey F(ab') <sub>2</sub>		6412-01	UNLB	0.5 mg
				6412-02	FITC	0.5 mg
				6412-05	HRP	1.0 mL
				6412-08	BIOT	0.5 mg
				6412-30	AF488	0.5 mg
				6412-31	AF647	0.5 mg
				6412-32	AF555	0.5 mg
				IgG(H+L)	Goat Anti-Mouse IgG(H+L)	Goat
1036-02	FITC	1.0 mg				
1036-04	AP	1.0 mL				
1036-05	HRP	1.0 mL				
1036-08	BIOT	1.0 mg				
1036-09	PE	0.5 mg				
1036-30	AF488	1.0 mg				
1036-31	AF647	1.0 mg				
1036-32	AF555	1.0 mg				
IgG(H+L)	Rabbit Anti-Mouse IgG(H+L)	Rabbit				
				6170-02	FITC	1.0 mg
				6170-04	AP	1.0 mL
				6170-05	HRP	1.0 mL
				6170-08	BIOT	1.0 mg
				6170-30	AF488	1.0 mg
				6170-31	AF647	1.0 mg
				IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Mouse IgG(H+L)	Rabbit F(ab') <sub>2</sub>
6120-02	FITC	0.5 mg				
6120-04	AP	1.0 mL				
6120-05	HRP	1.0 mL				
6120-08	BIOT	0.5 mg				



## Polyclonal Antibodies to Mouse Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Donkey Anti-Mouse IgG(H+L), Human SP ads	Donkey	Human SP	6410-01	UNLB	1.0 mg
				6410-02	FITC	1.0 mg
				6410-04	AP	1.0 mL
				6410-05	HRP	1.0 mL
				6410-08	BIOT	1.0 mg
				6410-09	PE	0.5 mg
				6410-30	AF488	1.0 mg
				6410-32	AF555	1.0 mg
				IgG(H+L)	Goat Anti-Mouse IgG(H+L), Human ads	Goat
1031-02	FITC	1.0 mg				
1031-03	TRITC	1.0 mg				
1031-04	AP	1.0 mL				
1031-05	HRP	1.0 mL				
1031-07	TXRD	1.0 mg				
1031-08	BIOT	1.0 mg				
1031-09	PE	0.5 mg				
1031-09S	PE	0.25 mg				
1031-11L	APC	0.5 mg				
1031-11S	APC	0.25 mg				
1031-15	CY5	1.0 mg				
1031-30	AF488	1.0 mg				
1031-31	AF647	1.0 mg				
1031-32	AF555	1.0 mg				
IgG(H+L)	Goat F(ab') <sub>2</sub> Anti-Mouse IgG(H+L), Human ads	Goat F(ab') <sub>2</sub>	Human Ig	1032-01	UNLB	0.5 mg
				1032-02	FITC	0.5 mg
				1032-04	AP	1.0 mL
				1032-05	HRP	1.0 mL
				1032-08	BIOT	0.5 mg
				1032-09	PE	0.25 mg
				1032-11	APC	0.25 mg
				1032-13	SPRD	0.25 mg
				1032-15	CY5	0.5 mg
				1032-16	PE/CY5.5	0.25 mg
				1032-30	AF488	0.5 mg
				1032-32	AF555	0.5 mg

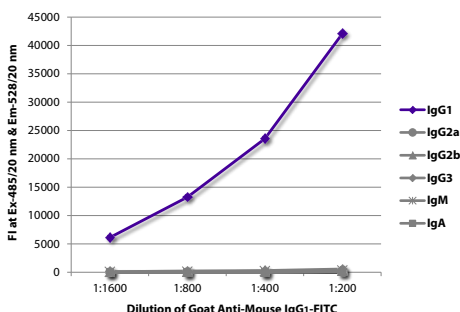
## Polyclonal Antibodies to Mouse Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Rabbit Anti-Mouse IgG(H+L), Human ads	Rabbit	Human Ig	6175-01	UNLB	1.0 mg
				6175-02	FITC	1.0 mg
				6175-04	AP	1.0 mL
				6175-05	HRP	1.0 mL
				6175-08	BIOT	1.0 mg
				6175-09	PE	0.5 mg
				6175-31	AF647	1.0 mg
IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Mouse IgG(H+L), Human ads	Rabbit F(ab') <sub>2</sub>	Human Ig	6125-01	UNLB	0.5 mg
				6125-02	FITC	0.5 mg
				6125-04	AP	1.0 mL
				6125-05	HRP	1.0 mL
				6125-08	BIOT	0.5 mg
IgG(H+L)	Goat Anti-Mouse IgG(H+L), Rat ads	Goat	Rat Ig	1034-01	UNLB	0.5 mg
				1034-02	FITC	0.5 mg
				1034-03	TRITC	0.5 mg
				1034-04	AP	1.0 mL
				1034-05	HRP	1.0 mL
				1034-07	TXRD	0.5 mg
				1034-08	BIOT	0.5 mg
				1034-09	PE	0.25 mg
IgG(H+L)	Goat Anti-Mouse IgG(H+L), Human/Bovine/ Horse SP ads	Goat	Human/Bovine/ Horse SP	1037-01	UNLB	1.0 mg
				1037-02	FITC	1.0 mg
				1037-04	AP	1.0 mL
				1037-05	HRP	1.0 mL
				1037-08	BIOT	1.0 mg
IgG(H+L)	Donkey Anti-Mouse IgG(H+L), Multi-Species SP ads	Donkey	Goat/Sheep/Bovine/ Human/Rabbit/Chicken/ Horse/Guinea Pig SP	6415-01	UNLB	1.0 mg
				6415-02	FITC	1.0 mg
				6415-04	AP	1.0 mL
				6415-05	HRP	1.0 m:
				6415-08	BIOT	1.0 mg
				6415-30	AF488	1.0 mg
				6415-31	AF647	1.0 mg
				6415-32	AF555	1.0 mg

# Polyclonal Antibodies to Mouse Immunoglobulins

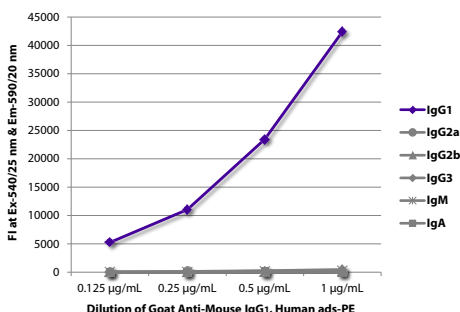
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Goat Anti-Mouse IgG(H+L), Multi-Species SP ads	Goat	Hamster/Rat/Goat/ Sheep/Human/Rabbit/ Chicken/Guinea Pig/ Horse/Bovine SP	1038-01	UNLB	1.0 mg
				1038-02	FITC	1.0 mg
				1038-04	AP	1.0 mL
				1038-05	HRP	1.0 mL
				1038-08	BIOT	1.0 mg
				1038-09	PE	0.5 mg
				1038-30	AF488	1.0 mg
				1038-31	AF647	1.0 mg
				1038-32	AF555	1.0 mg

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>1</sub>	Goat Anti-Mouse IgG <sub>1</sub>	Goat		1071-01	UNLB	1.0 mg
				1071-02	FITC	1.0 mg
				1071-04	AP	1.0 mL
				1071-05	HRP	1.0 mL
				1071-08	BIOT	1.0 mg
				1071-30	AF488	1.0 mg
				1071-31	AF647	1.0 mg
				1071-32	AF555	1.0 mg

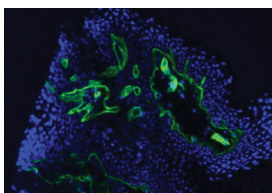


FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>1</sub>-FITC (SB Cat. No. 1071-02).

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>1</sub>	Goat Anti-Mouse IgG <sub>1</sub> , Human ads	Goat	Human Ig	1070-01	UNLB	1.0 mg
				1070-02	FITC	1.0 mg
				1070-03	TRITC	1.0 mg
				1070-04	AP	1.0 mL
				1070-05	HRP	1.0 mL
				1070-07	TXRD	1.0 mg
				1070-08	BIOT	1.0 mg
				1070-09	PE	0.5 mg
				1070-09S	PE	0.25 mg
				1070-11L	APC	0.5 mg
				1070-11S	APC	0.25 mg
				1070-15	CY5	1.0 mg
				1070-19	APC/CY7	0.25 mg
				1070-30	AF488	1.0 mg
				1070-31	AF647	1.0 mg
1070-32	AF555	1.0 mg				



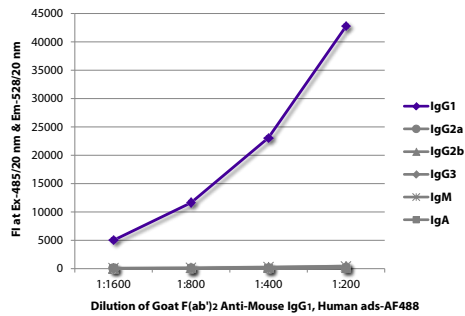
FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>1</sub>, Human ads-PE (SB Cat. No. 1070-09).



Human skin tissue was stained with Mouse Anti-Type IV Collagen-UNLB (SB Cat. No. 1460-01) followed by Goat Anti-Mouse IgG<sub>1</sub>, Human ads-AF488 (SB Cat. No. 1070-30).

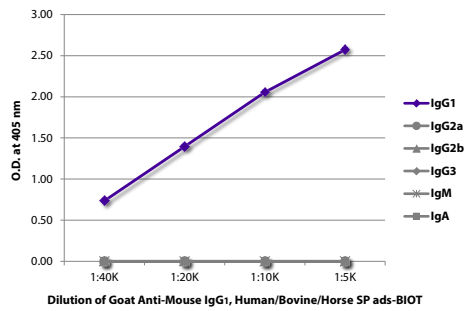
# Polyclonal Antibodies to Mouse Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>1</sub>	Goat F(ab') <sub>2</sub> Anti-Mouse IgG <sub>1</sub> , Human ads	Goat F(ab') <sub>2</sub>	Human Ig	1072-01	UNLB	0.5 mg
				1072-02	FITC	0.5 mg
				1072-08	BIOT	0.5 mg
				1072-09	PE	0.25 mg
				1072-30	AF488	0.5 mg
				1072-31	AF647	0.5 mg
1072-32	AF555	0.5 mg				



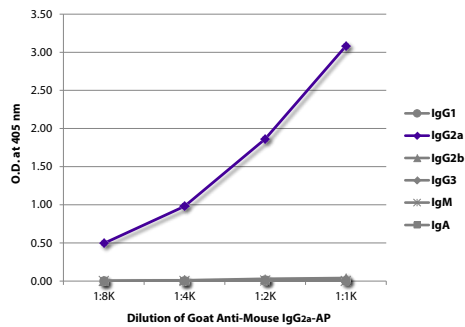
FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Mouse IgG<sub>1</sub>, Human ads-AF488 (SB Cat. No. 1072-30).

IgG <sub>1</sub>	Goat Anti-Mouse IgG <sub>1</sub> , Human/Bovine/Horse SP ads	Goat	Human/Bovine/Horse SP	1073-01	UNLB	1.0 mg
				1073-02	FITC	1.0 mg
				1073-04	AP	1.0 mL
				1073-05	HRP	1.0 mL
				1073-08	BIOT	1.0 mg
				1073-30	AF488	1.0 mg



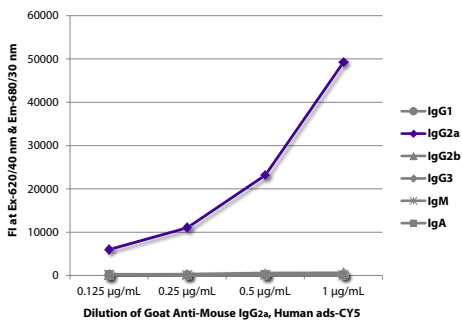
ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>1</sub>, Human/Bovine/Horse SP ads-BIOT (SB Cat. No. 1073-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

IgG <sub>2a</sub>	Goat Anti-Mouse IgG <sub>2a</sub>	Goat	1081-01	UNLB	1.0 mg
			1081-02	FITC	1.0 mg
			1081-04	AP	1.0 mL
			1081-05	HRP	1.0 mL
			1081-08	BIOT	1.0 mg

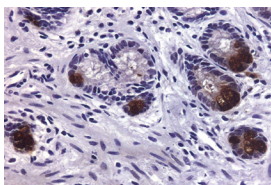


ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2a</sub>-AP (SB Cat. No. 1081-04).

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>2a</sub>	Goat Anti-Mouse IgG <sub>2a</sub> , Human ads	Goat	Human Ig	1080-01	UNLB	1.0 mg
				1080-02	FITC	1.0 mg
				1080-03	TRITC	1.0 mg
				1080-04	AP	1.0 mL
				1080-05	HRP	1.0 mL
				1080-07	TXRD	1.0 mg
				1080-08	BIOT	1.0 mg
				1080-09	PE	0.5 mg
				1080-09S	PE	0.25 mg
				1080-10	PE/TXRD	0.25 mg
				1080-11L	APC	0.5 mg
				1080-11S	APC	0.25 mg
				1080-13	SPRD	0.25 mg
				1080-15	CY5	1.0 mg
				1080-17	PE/CY7	0.25 mg
1080-19	APC/CY7	0.25 mg				
1080-30	AF488	1.0 mg				
1080-31	AF647	1.0 mg				
1080-32	AF555	1.0 mg				

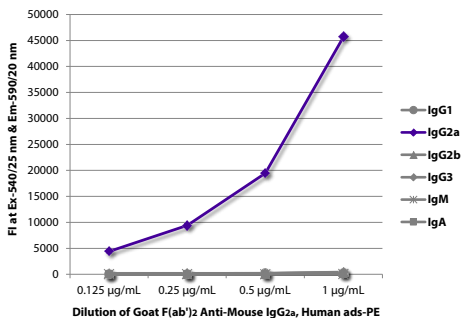


FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2a</sub>, Human ads-CY5 (SB Cat. No. 1080-15).



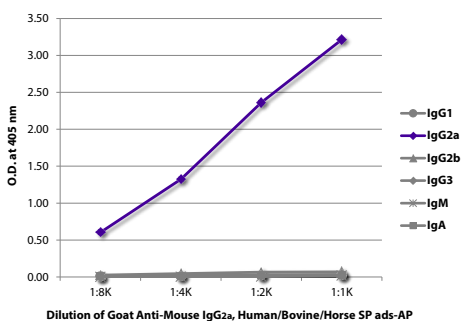
Human colon tissue was stained with Mouse Anti-Human MMP-9-UNLB (SB Cat. No. 12025-01) followed by Goat Anti-Mouse IgG<sub>2a</sub>, Human ads-BIOT (SB Cat. No. 1080-08) and Streptavidin-HRP (SB Cat. No. 7100-05).

IgG <sub>2a</sub>	Goat F(ab') <sub>2</sub> Anti-Mouse IgG <sub>2a</sub> , Human ads	Goat F(ab') <sub>2</sub>	Human Ig	1082-01	UNLB	0.5 mg
				1082-02	FITC	0.5 mg
				1082-08	BIOT	0.5 mg
				1082-09	PE	0.25 mg



FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Mouse IgG<sub>2a</sub>, Human ads-PE (SB Cat. No. 1082-09).

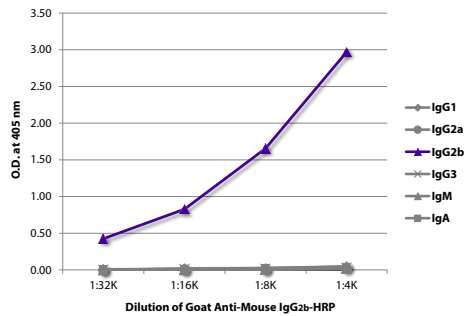
IgG <sub>2a</sub>	Goat Anti-Mouse IgG <sub>2a</sub> , Human/Bovine/Horse SP ads	Goat	Human/Bovine/Horse SP	1083-01	UNLB	1.0 mg
				1083-04	AP	1.0 mL
				1083-05	HRP	1.0 mL
				1083-08	BIOT	1.0 mg



ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2a</sub>, Human/Bovine/Horse SP ads-AP (SB Cat. No. 1083-04).

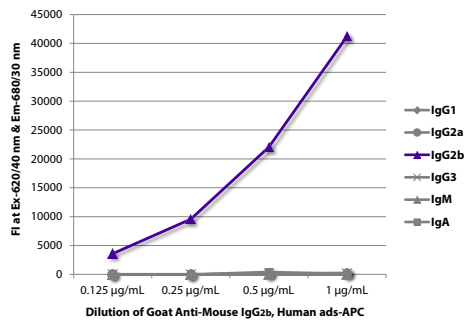
# Polyclonal Antibodies to Mouse Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>2b</sub>	Goat Anti-Mouse IgG <sub>2b</sub>	Goat		1091-01	UNLB	1.0 mg
				1091-02	FITC	1.0 mg
				1091-04	AP	1.0 mL
				1091-05	HRP	1.0 mL
				1091-08	BIOT	1.0 mg

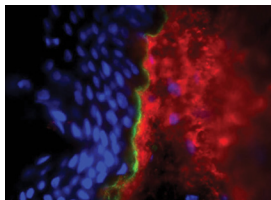


ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2b</sub>-HRP (SB Cat. No. 1091-05).

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>2b</sub>	Goat Anti-Mouse IgG <sub>2b</sub> , Human ads	Goat	Human Ig	1090-01	UNLB	1.0 mg
				1090-02	FITC	1.0 mg
				1090-03	TRITC	1.0 mg
				1090-04	AP	1.0 mL
				1090-05	HRP	1.0 mL
				1090-07	TXRD	1.0 mg
				1090-08	BIOT	1.0 mg
				1090-09	PE	0.5 mg
				1090-09S	PE	0.25 mg
				1090-11L	APC	0.5 mg
				1090-11S	APC	0.25 mg
				1090-13	SPRD	0.25 mg
				1090-15	CY5	1.0 mg
				1090-17	PE/CY7	0.25 mg
				1090-19	APC/CY7	0.25 mg
				1090-30	AF488	1.0 mg
1090-31	AF647	1.0 mg				
1090-32	AF555	1.0 mg				

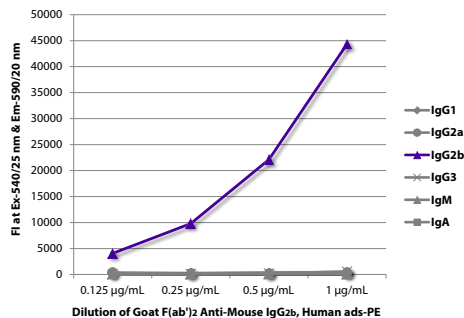


FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2b</sub>, Human ads-APC (SB Cat. No. 1090-11).



Human skin tissue was stained with Mouse Anti-Type I Collagen-UNLB (SB Cat. No. 1441-01; red) followed by Goat Anti-Mouse IgG<sub>2b</sub>, Human ads-BIOT (Cat. No. 1090-08) and Streptavidin-CY3 (SB Cat. No. 7100-12).

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>2b</sub>	Goat F(ab') <sub>2</sub> Anti-Mouse IgG <sub>2b</sub> , Human ads	Goat F(ab') <sub>2</sub>	Human Ig	1092-01	UNLB	0.5 mg
				1092-02	FITC	0.5 mg
				1092-08	BIOT	0.5 mg
				1092-09	PE	0.25 mg



FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Mouse IgG<sub>2b</sub>, Human ads-PE (SB Cat. No. 1092-09).

# Polyclonal Antibodies to Mouse Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>2b</sub>	Goat Anti-Mouse IgG <sub>2b</sub> Human/Bovine/Horse SP ads	Goat	Human/Bovine/Horse SP	1093-01	UNLB	1.0 mg
				1093-02	FITC	1.0 mg
				1093-04	AP	1.0 mL
				1093-05	HRP	1.0 mL
				1093-08	BIOT	1.0 mg
	<p>Dilution of Goat Anti-Mouse IgG<sub>2b</sub>, Human/Bovine/Horse SP ads-HRP</p> <p>ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2b</sub>, Human/Bovine/Horse SP ads-HRP (SB Cat. No. 1093-05).</p>					
IgG <sub>2c</sub>	Goat Anti-Mouse IgG <sub>2c</sub>	Goat		1078-01	UNLB	1.0 mg
				1078-02	FITC	1.0 mg
				1078-04	AP	1.0 mL
				1078-05	HRP	1.0 mL
				1078-08	BIOT	1.0 mg
	<p>Dilution of Goat Anti-Mouse IgG<sub>2c</sub>-FITC</p> <p>FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>2c</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2c</sub>-FITC (SB Cat. No. 1078-02).</p>					
IgG <sub>2c</sub>	Goat Anti-Mouse IgG <sub>2c</sub> Human ads	Goat	Human Ig	1079-01	UNLB	1.0 mg
				1079-02	FITC	1.0 mg
				1079-04	AP	1.0 mL
				1079-05	HRP	1.0 mL
				1079-08	BIOT	1.0 mg
				1079-09	PE	0.5 mg
				1079-09S	PE	0.25 mg
				1079-11L	APC	0.5 mg
				1079-11S	APC	0.25 mg
				1079-30	AF488	1.0 mg
				1079-31	AF647	1.0 mg
				1079-32	AF555	1.0 mg
	<p>Dilution of Goat Anti-Mouse IgG<sub>2c</sub>, Human ads-AF488</p> <p>FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>2c</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2c</sub>, Human ads-AF488 (SB Cat. No. 1079-30).</p>					

# Polyclonal Antibodies to Mouse Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>2c</sub>	Goat Anti-Mouse IgG <sub>2c</sub> , Human/Bovine/ Horse SP ads	Goat	Human/Bovine/ Horse SP	1077-01	UNLB	1.0 mg
				1077-02	FITC	1.0 mg
				1077-04	AP	1.0 mL
				1077-05	HRP	1.0 mL
				1077-08	BIOT	1.0 mg
				1077-30	AF488	1.0 mg
				1077-31	AF647	1.0 mg
				1077-32	AF555	1.0 mg

Dilution of Goat Anti-Mouse IgG<sub>2c</sub>, Human/Bovine/Horse SP ads-AF555

ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>2c</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2c</sub>, Human/Bovine/Horse SP ads-AF555 (SB Cat. No. 1077-32).

IgG <sub>3</sub>	Goat Anti-Mouse IgG <sub>3</sub>	Goat	1101-01	UNLB	1.0 mg
			1101-05	HRP	1.0 mL

Dilution of Goat Anti-Mouse IgG<sub>3</sub>-HRP

ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>3</sub>-HRP (SB Cat. No. 1101-05).

IgG <sub>3</sub>	Goat Anti-Mouse IgG <sub>3</sub> , Human ads	Goat	Human Ig	1100-01	UNLB	1.0 mg
				1100-02	FITC	1.0 mg
				1100-03	TRITC	1.0 mg
				1100-04	AP	1.0 mL
				1100-05	HRP	1.0 mL
				1100-07	TXRD	1.0 mg
				1100-08	BIOT	1.0 mg
				1100-09	PE	0.5 mg
				1100-09S	PE	0.25 mg
				1100-13	SPRD	0.25 mg
				1100-15	CY5	1.0 mg
				1100-17	PE/CY7	0.25 mg
1100-19	APC/CY7	0.25 mg				
1100-30	AF488	1.0 mg				
1100-31	AF647	1.0 mg				
1100-32	AF555	1.0 mg				

Dilution of Goat Anti-Mouse IgG<sub>3</sub>, Human ads-PE

ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>3</sub>, Human ads-PE (SB Cat. No. 1100-09).


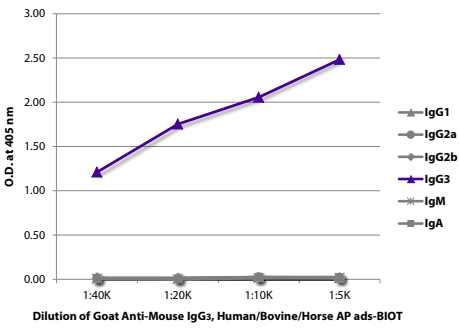
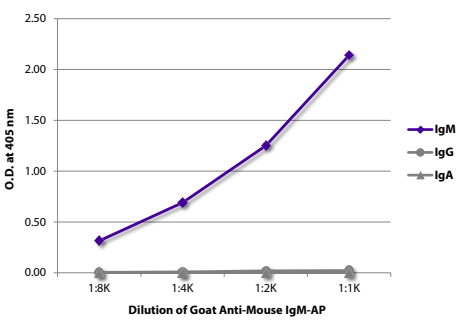
  

Dilution of Goat Anti-Mouse IgG<sub>3</sub>, Human ads-HRP

ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>3</sub>, Human ads-HRP (SB Cat. No. 1100-05).

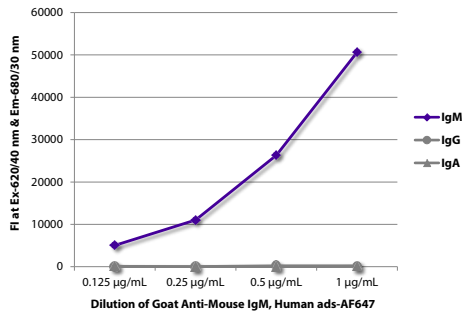


# Polyclonal Antibodies to Mouse Immunoglobulins

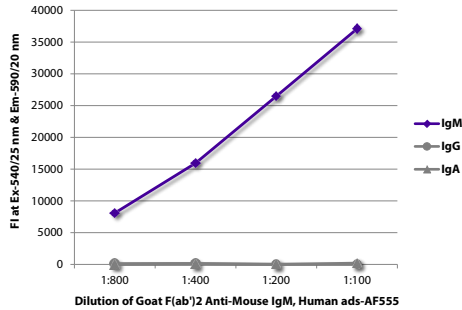
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG <sub>3</sub>	Goat F(ab') <sub>2</sub> Anti-Mouse IgG <sub>3</sub> , Human ads	Goat F(ab') <sub>2</sub>	Human Ig	1102-01	UNLB	0.5 mg
				1102-02	FITC	0.5 mg
				1102-08	BIOT	0.5 mg
				1102-09	PE	0.25 mg
		ELISA plate was coated with purified mouse IgG <sub>1</sub> , IgG <sub>2a</sub> , IgG <sub>2b</sub> , IgG <sub>3</sub> , IgM, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab') <sub>2</sub> Anti-Mouse IgG <sub>3</sub> , Human ads-BIOT (SB Cat. No. 1102-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).				
IgG <sub>3</sub>	Goat Anti-Mouse IgG <sub>3</sub> , Human/Bovine/Horse SP ads	Goat	Human/Bovine/Horse SP	1103-01	UNLB	1.0 mg
				1103-04	AP	1.0 mL
				1103-05	HRP	1.0 mL
				1103-08	BIOT	1.0 mg
		ELISA plate was coated with purified mouse IgG <sub>1</sub> , IgG <sub>2a</sub> , IgG <sub>2b</sub> , IgG <sub>3</sub> , IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG <sub>3</sub> , Human/Bovine/Horse SP ads-BIOT (SB Cat. No. 1103-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).				
IgM	Goat Anti-Mouse IgM	Goat		1021-01	UNLB	1.0 mg
				1021-02	FITC	1.0 mg
				1021-03	TRITC	1.0 mg
				1021-04	AP	1.0 mL
				1021-05	HRP	1.0 mL
				1021-07	TXRD	1.0 mg
				1021-08	BIOT	1.0 mg
				1021-09	PE	0.5 mg
				1021-09S	PE	0.25 mg
				1021-30	AF488	1.0 mg
				1021-31	AF647	1.0 mg
				1021-32	AF555	1.0 mg
		ELISA plate was coated with purified mouse IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgM-AP (SB Cat. No. 1021-04).				
IgM	Goat F(ab') <sub>2</sub> Anti-Mouse IgM	Goat F(ab') <sub>2</sub>		1023-01	UNLB	0.5 mg
				1023-14	LE/AF	0.5 mg

# Polyclonal Antibodies to Mouse Immunoglobulins

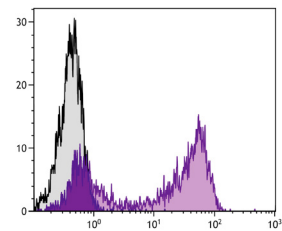
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size				
IgM	Goat Anti-Mouse IgM, Human ads	Goat	Human Ig	1020-01	UNLB	1.0 mg				
				1020-02	FITC	1.0 mg				
				1020-03	TRITC	1.0 mg				
				1020-04	AP	1.0 mL				
				1020-05	HRP	1.0 mL				
				1020-06	$\beta$ -Gal	1.0 mL				
				1020-07	TXRD	1.0 mg				
				1020-08	BIOT	1.0 mg				
				1020-09	PE	0.5 mg				
				1020-09S	PE	0.25 mg				
				1020-11L	APC	0.5 mg				
				1020-11S	APC	0.25 mg				
				1020-15	CY5	1.0 mg				
1020-17	PE/CY7	0.25 mg								
1020-30	AF488	1.0 mg								
1020-31	AF647	1.0 mg								
1020-32	AF555	1.0 mg								
IgM	Goat F(ab') <sub>2</sub> Anti-Mouse IgM, Human ads	Goat F(ab') <sub>2</sub>	Human Ig	1022-01	UNLB	0.5 mg				
				1022-02	FITC	0.5 mg				
				1022-05	HRP	0.5 mL				
				1022-08	BIOT	0.5 mg				
				1022-09	PE	0.25 mg				
				1022-14	LE/AF	0.5 mg				
				1022-30	AF488	0.5 mg				
				1022-31	AF647	0.5 mg				
				1022-32	AF555	0.5 mg				
				Kappa	Goat Anti-Mouse Kappa	Goat		1050-01	UNLB	1.0 mg
								1050-02	FITC	0.5 mg
								1050-03	TRITC	0.5 mg
								1050-04	AP	1.0 mL
1050-05	HRP	1.0 mL								
1050-07	TXRD	0.5 mg								
1050-08	BIOT	1.0 mg								
1050-09	PE	0.25 mg								
1050-32	AF555	1.0 mg								
Kappa	Goat F(ab') <sub>2</sub> Anti-Mouse Kappa	Goat F(ab') <sub>2</sub>						1052-01	UNLB	0.5 mg
								1052-05	HRP	1.0 mL
								1052-14	LE/AF	0.5 mg



FLISA plate was coated with purified mouse IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgM, Human ads-AF647 (SB Cat. No. 1020-31).



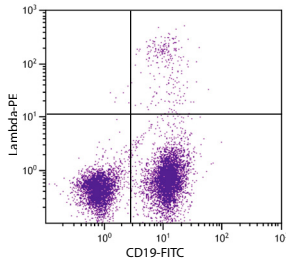
FLISA plate was coated with purified mouse IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Mouse IgM, Human ads-AF555 (SB Cat. No. 1022-32).



BALB/c mouse splenocytes were stained with Goat Anti-Mouse Kappa-FITC (SB Cat. No. 1050-02).

# Polyclonal Antibodies to Mouse Immunoglobulins

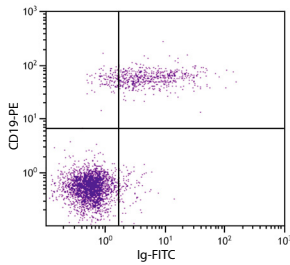
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
Lambda	Goat Anti-Mouse Lambda	Goat		1060-01	UNLB	1.0 mg
				1060-02	FITC	1.0 mg
				1060-03	TRITC	0.5 mg
				1060-04	AP	1.0 mL
				1060-05	HRP	1.0 mL
				1060-07	TXRD	0.5 mg
				1060-08	BIOT	1.0 mg
				1060-09	PE	0.25 mg
				1060-32	AF555	1.0 mg



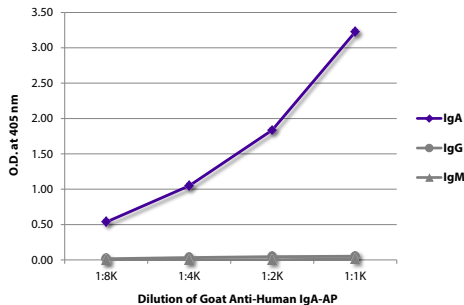
BALB/c mouse splenocytes were stained with Goat Anti-Mouse Lambda-PE (SB Cat. No. 1060-09) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).

# Polyclonal Antibodies to Human Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
Ig	Goat Anti-Human Ig	Goat		2010-01	UNLB	2.0 mg
				2010-02	FITC	1.0 mg
				2010-03	TRITC	1.0 mg
				2010-04	AP	1.0 mL
				2010-05	HRP	1.0 mL
				2010-06	$\beta$ -Gal	1.0 mL
				2010-07	TXRD	1.0 mg
				2010-08	BIOT	1.0 mg
				2010-09	PE	0.5 mg
				2010-30	AF488	1.0 mg
				2010-31	AF647	1.0 mg
				2010-32	AF555	1.0 mg
Ig	Goat F(ab') <sub>2</sub> Anti-Human Ig	Goat (Fab') <sub>2</sub>		2012-01	UNLB	0.5 mg
				2012-02	FITC	0.5 mg
				2012-08	BIOT	0.5 mg
				2012-09	PE	0.25 mg
				2012-30	AF488	0.5 mg
				2012-32	AF555	0.5 mg
Ig Fab	Goat Anti-Human Ig Fab	Goat		2085-01	UNLB	0.5 mg
				2085-02	FITC	0.5 mg
				2085-04	AP	1.0 mL
				2085-05	HRP	1.0 mL
				2085-08	BIOT	0.5 mg
Ig Fc	Goat Anti-Human Ig Fc	Goat		2047-01	UNLB	0.5 mg
				2047-04	AP	1.0 mL
				2047-05	HRP	1.0 mL
				2047-08	BIOT	0.5 mg
IgA	Goat Anti-Human IgA	Goat		2050-01	UNLB	1.0 mg
				2050-02	FITC	1.0 mg
				2050-03	TRITC	1.0 mg
				2050-04	AP	1.0 mL
				2050-05	HRP	1.0 mL
				2050-07	TXRD	1.0 mg
				2050-08	BIOT	1.0 mg
				2050-09	PE	0.5 mg
2050-32	AF555	1.0 mg				



Human peripheral blood lymphocytes were stained with Goat F(ab')<sub>2</sub> Anti-Human Ig-FITC (SB Cat. 2012-02) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).

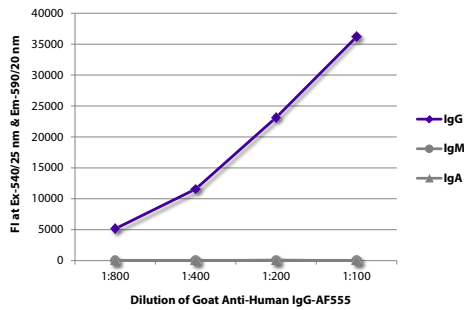


ELISA plate was coated with purified human IgA, IgG, and IgM. Immunoglobulins were detected with serially diluted Goat Anti-Human IgA-AP (SB Cat. No. 2050-04).

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgA	Goat F(ab') <sub>2</sub> Anti-Human IgA	Goat (Fab) <sub>2</sub>		2052-01	UNLB	0.5 mg
				2052-02	FITC	0.5 mg
				2052-08	BIOT	0.5 mg
				2052-09	PE	0.25 mg
				2052-32	AF555	0.5 mg
	<p>FLISA plate was coated with purified human IgA, IgG, and IgM. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Human IgA-PE (SB Cat. No. 2052-09).</p>					
IgA	Goat Anti-Human IgA, Mouse/Bovine/Horse SP ads	Goat	Mouse/Bovine/Horse SP	2053-01	UNLB	1.0 mg
				2053-04	AP	1.0 mL
				2053-05	HRP	1.0 mL
	<p>ELISA plate was coated with purified human IgA, IgG, and IgM. Immunoglobulins were detected with serially diluted Goat Anti-Human IgA, Mouse/Bovine/Horse SP ads-HRP (SB Cat. No. 2053-05).</p>					
IgD	Goat Anti-Human IgD	Goat		2030-01	UNLB	1.0 mg
				2030-02	FITC	1.0 mg
				2030-03	TRITC	1.0 mg
				2030-04	AP	1.0 mL
				2030-05	HRP	1.0 mL
				2030-07	TXRD	1.0 mg
				2030-08	BIOT	1.0 mg
				2030-09	PE	0.5 mg
				2030-30	AF488	1.0 mg
				2030-31	AF647	1.0 mg
				2030-32	AF555	1.0 mg
					<p>FLISA plate was coated with purified human IgD, IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Human IgD-AF647 (SB Cat. No. 2030-31).</p>	
IgD	Goat F(ab') <sub>2</sub> Anti-Human IgD	Goat (Fab) <sub>2</sub>		2032-01	UNLB	0.5 mg
				2032-02	FITC	0.5 mg
				2032-08	BIOT	0.5 mg
				2032-09	PE	0.25 mg
				2032-30	AF488	0.5 mg
				2032-31	AF647	0.5 mg
				2032-32	AF555	0.5 mg
					<p>FLISA plate was coated with purified human IgD, IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Human IgD-FITC (SB Cat. No. 2032-02).</p>	

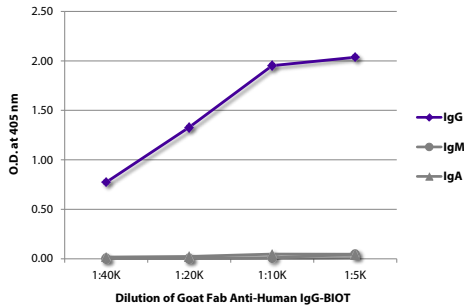
# Polyclonal Antibodies to Human Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG	Goat Anti-Human IgG	Goat		2040-01	UNLB	1.0 mg
				2040-02	FITC	1.0 mg
				2040-03	TRITC	1.0 mg
				2040-04	AP	1.0 mL
				2040-05	HRP	1.0 mL
				2040-06	$\beta$ -Gal	1.0 mL
				2040-07	TXRD	1.0 mg
				2040-08	BIOT	1.0 mg
				2040-09	PE	0.5 mg
				2040-14	LE/AF	0.5 mg
				2040-30	AF488	1.0 mg
				2040-31	AF647	1.0 mg
				2040-32	AF555	1.0 mg



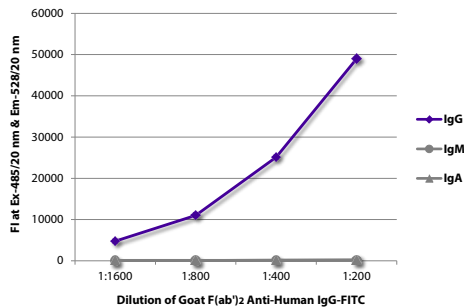
FLISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG-AF555 (SB Cat. No. 2040-32).

IgG	Goat Fab Anti-Human IgG	Goat Fab		2041-01	UNLB	0.5 mg
				2041-04	AP	1.0 mL
				2041-05	HRP	1.0 mL
				2041-08	BIOT	0.5 mg



ELISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Fab Anti-Human IgG-BIOT (SB Cat. No. 2041-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

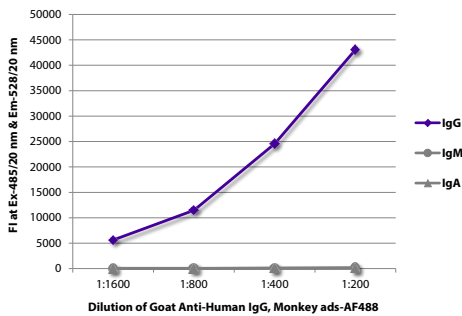
IgG	Goat F(ab') <sub>2</sub> Anti-Human IgG	Goat F(ab') <sub>2</sub>		2042-01	UNLB	0.5 mg
				2042-02	FITC	0.5 mg
				2042-04	AP	1.0 mL
				2042-05	HRP	1.0 mL
				2042-08	BIOT	0.5 mg
				2042-09	PE	0.25 mg
				2042-14	LE/AF	0.5 mg
				2042-32	AF555	0.5 mg



FLISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Human IgG-FITC (SB Cat. No. 2042-02).

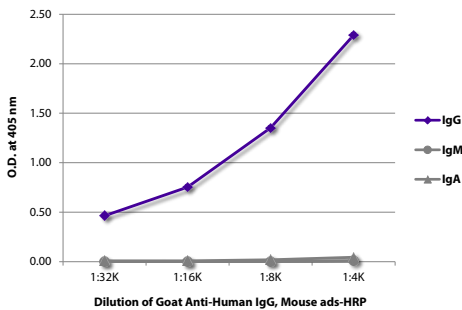
# Polyclonal Antibodies to Human Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG	Goat Anti-Human IgG, Monkey ads	Goat	Monkey Ig	2049-01	UNLB	1.0 mg
				2049-02	FITC	1.0 mg
				2049-05	HRP	1.0 mL
				2049-08	BIOT	1.0 mg
				2049-30	AF488	1.0 mg
				2049-31	AF647	1.0 mg
2049-32	AF555	1.0 mg				



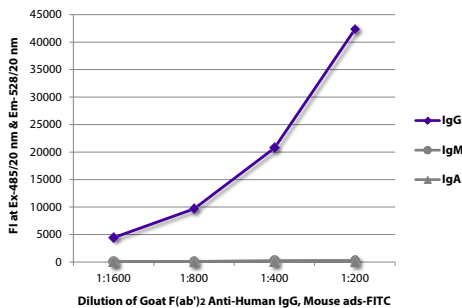
FLISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG, Monkey ads-AF488 (SB Cat. No. 2049-30).

IgG	Goat Anti-Human IgG, Mouse ads	Goat	Mouse Ig	2044-01	UNLB	1.0 mg
				2044-04	AP	1.0 mL
				2044-05	HRP	1.0 mL



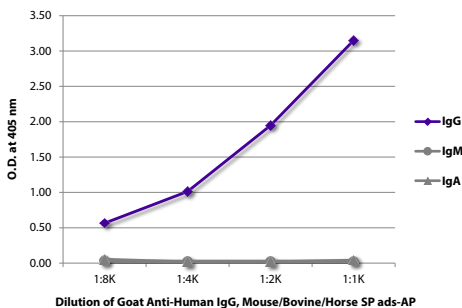
ELISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG, Mouse ads-HRP (SB Cat. No. 2044-05).

IgG	Goat F(ab') <sub>2</sub> Anti-Human IgG, Mouse ads	Goat F(ab') <sub>2</sub>	Mouse Ig	2043-01	UNLB	0.5 mg
				2043-02	FITC	0.5 mg
				2043-05	HRP	1.0 mL
				2043-08	BIOT	0.5 mg
				2043-09	PE	0.25 mg
				2043-32	AF555	0.5 mg



FLISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Human IgG, Mouse ads-FITC (SB Cat. No. 2043-02).

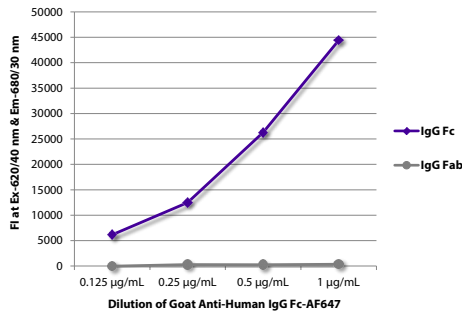
IgG	Goat Anti-Human IgG, Mouse/Bovine/Horse SP ads	Goat	Mouse/Bovine/Horse SP	2045-01	UNLB	1.0 mg
				2045-04	AP	1.0 mL
				2045-05	HRP	1.0 mL



ELISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG, Mouse/Bovine/Horse AP ads-AP (SB Cat. No. 2045-04).

# Polyclonal Antibodies to Human Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG Fc	Goat Anti-Human IgG Fc	Goat		2048-01	UNLB	0.5 mg
				2048-02	FITC	0.5 mg
				2048-04	AP	1.0 mL
				2048-05	HRP	1.0 mL
				2048-08	BIOT	0.5 mg
				2048-09	PE	0.25 mg
				2048-30	AF488	0.5 mg
				2048-31	AF647	0.5 mg
				2048-32	AF555	0.5 mg



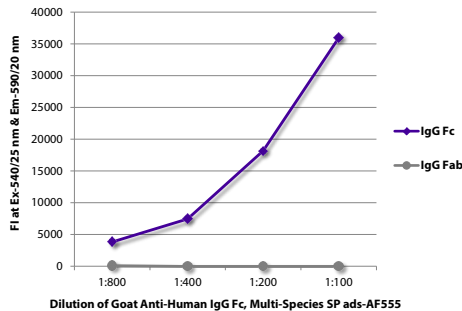
FLISA plate was coated with purified human IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG Fc-AF647 (SB Cat. No. 2048-31).

IgG Fc	Goat Anti-Human IgG Fc, Mouse/Bovine/Horse SP ads	Goat	Mouse/Bovine/Horse SP	2081-01	UNLB	0.5 mg
				2081-04	AP	1.0 mL
				2081-05	HRP	1.0 mL



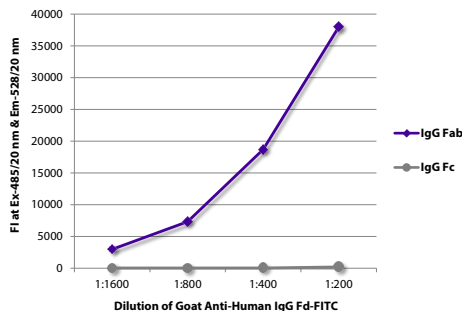
ELISA plate was coated with purified human IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG Fc, Mouse/Bovine/Horse SP ads-HRP (SB Cat. No. 2081-05).

IgG Fc	Goat Anti-Human IgG Fc, Multi-Species SP ads	Goat	Rabbit/Mouse/Rat/Bovine/Horse/Hamster/Goat/Sheep/Chicken/Guinea Pig SP	2014-01	UNLB	0.5 mg
				2014-04	AP	1.0 mL
				2014-05	HRP	1.0 mL
				2014-08	BIOT	0.5 mg
				2014-09	PE	0.25 mg
				2014-31	AF647	0.5 mg
				2014-32	AF555	0.5 mg



FLISA plate was coated with purified human IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG Fc, Multi-Species SP ads-AF555 (SB Cat. No. 2014-32).

IgG Fd	Goat Anti-Human IgG Fd	Goat		2046-01	UNLB	0.5 mg
				2046-02	FITC	0.5 mg
				2046-04	AP	1.0 mL
				2046-05	HRP	1.0 mL
				2046-08	BIOT	0.5 mg
				2046-09	PE	0.25 mg



FLISA plate was coated with purified human IgG Fd and IgG Fc. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG Fd-FITC (SB Cat. No. 2046-02).



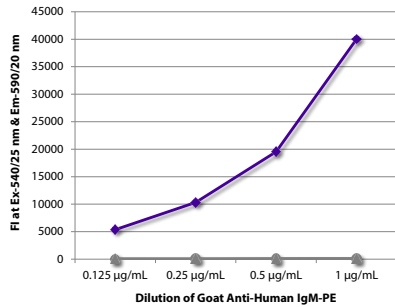
## Polyclonal Antibodies to Human Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Goat Anti-Human IgG(H+L)	Goat		2015-01	UNLB	1.0 mg
				2015-02	FITC	1.0 mg
				2015-04	AP	1.0 mL
				2015-05	HRP	1.0 mL
				2015-08	BIOT	1.0 mg
				2015-31	AF647	1.0 mg
				2015-32	AF555	1.0 mg
				IgG(H+L)	Goat Anti-Human IgG(H+L), Mouse/Bovine/ Horse SP ads	Goat
2016-04	AP	1.0 mL				
2016-05	HRP	1.0 mL				
2016-08	BIOT	1.0 mg				
2016-31	AF647	1.0 mg				
2016-32	AF555	1.0 mg				
IgG(H+L)	Goat Anti-Human IgG(H+L), Multi-Species SP ads	Goat	Rabbit/Mouse/Rat/ Bovine/Horse/Hamster/ Goat/Sheep/Chicken/ Guinea Pig SP			
				2087-04	AP	1.0 mL
				2087-05	HRP	1.0 mL
				2087-08	BIOT	1.0 mg
IgG(H+L)	Rabbit Anti-Human IgG(H+L)	Rabbit		6140-01	UNLB	1.0 mg
				6140-02	FITC	1.0 mg
				6140-04	AP	1.0 mL
				6140-05	HRP	1.0 mL
				6140-08	BIOT	1.0 mg
				6140-09	PE	0.5 mg
IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Human IgG(H+L)	Rabbit F(ab') <sub>2</sub>		6000-01	UNLB	0.5 mg
				6000-02	FITC	0.5 mg
				6000-04	AP	1.0 mL
				6000-05	HRP	1.0 mL
				6000-30	AF488	0.5 mg
IgG(H+L)	Rabbit Anti-Human IgG(H+L), Mouse ads	Rabbit	Mouse Ig	6145-01	UNLB	1.0 mg
				6145-02	FITC	1.0 mg
				6145-04	AP	1.0 mL
				6145-05	HRP	1.0 mL
				6145-08	BIOT	1.0 mg
IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Human IgG(H+L), Mouse ads	Rabbit F(ab') <sub>2</sub>	Mouse Ig	6005-01	UNLB	0.5 mg
				6005-02	FITC	0.5 mg
				6005-04	AP	1.0 mL
				6005-05	HRP	1.0 mL

# Polyclonal Antibodies to Human Immunoglobulins

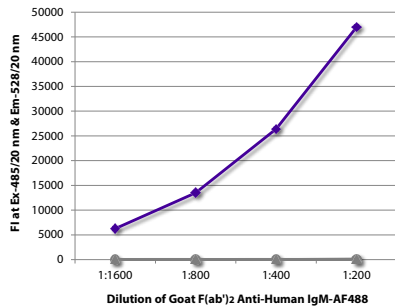
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Rabbit Anti-Human IgG(H+L), Mouse/Bovine/ Horse SP ads	Rabbit	Mouse/Bovine/ Horse SP	6146-01	UNLB	1.0 mg

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgM	Goat Anti-Human IgM	Goat		2020-01	UNLB	1.0 mg
				2020-02	FITC	1.0 mg
				2020-03	TRITC	1.0 mg
				2020-04	AP	1.0 mL
				2020-05	HRP	1.0 mL
				2020-07	TXRD	1.0 mg
				2020-08	BIOT	1.0 mg
				2020-09	PE	0.5 mg
				2020-30	AF488	1.0 mg
				2020-31	AF647	1.0 mg
				2020-32	AF555	1.0 mg



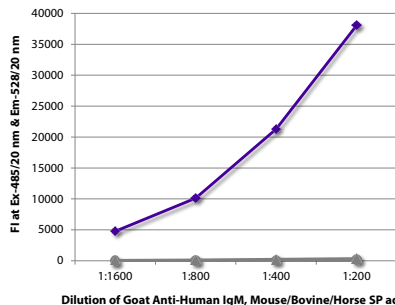
FLISA plate was coated with purified human IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Human IgM-PE (SB Cat. No. 2020-09).

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgM	Goat F(ab') <sub>2</sub> Anti-Human IgM	Goat F(ab') <sub>2</sub>		2022-01	UNLB	0.5 mg
				2022-02	FITC	0.5 mg
				2022-05	HRP	1.0 mL
				2022-08	BIOT	0.5 mg
				2022-09	PE	0.25 mg
				2022-14	LE/AF	0.5 mg
				2022-30	AF488	0.5 mg
				2022-31	AF647	0.5 mg
2022-32	AF555	0.5 mg				



FLISA plate was coated with purified human IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Human IgM-AF488 (SB Cat. No. 2022-30).

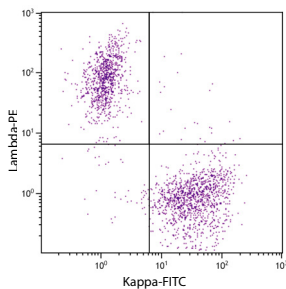
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgM	Goat Anti-Human IgM, Mouse/Bovine/ Horse SP ads	Goat	Mouse/Bovine/ Horse SP	2023-01	UNLB	1.0 mg
				2023-02	FITC	1.0 mg
				2023-04	AP	1.0 mL
				2023-05	HRP	1.0 mL



FLISA plate was coated with purified human IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Human IgM, Mouse/Bovine/Horse SP ads-FITC (SB Cat. No. 2023-02).

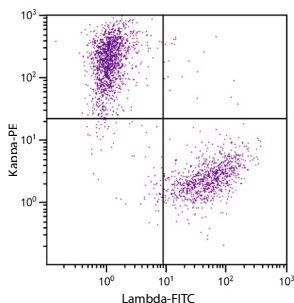
# Polyclonal Antibodies to Human Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
Kappa	Goat Anti-Human Kappa	Goat		2060-01	UNLB	1.0 mg
				2060-02	FITC	1.0 mg
				2060-03	TRITC	1.0 mg
				2060-04	AP	1.0 mL
				2060-05	HRP	1.0 mL
				2060-06	$\beta$ -Gal	1.0 mL
				2060-07	TXRD	1.0 mg
				2060-08	BIOT	1.0 mg
				2060-09	PE	0.5 mg
				2060-30	AF488	1.0 mg
				2060-31	AF647	1.0 mg
				2060-32	AF555	1.0 mg



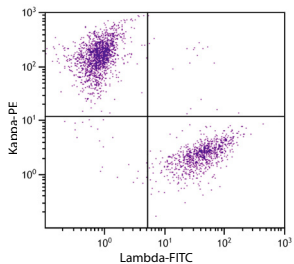
CD19<sup>+</sup> human B-lymphocytes were stained with Goat Anti-Human Kappa-FITC (SB Cat. 2060-02) and Goat F(ab')<sub>2</sub> Anti-Human Lambda, Mouse ads-PE (SB Cat. No. 2073-09).

Kappa	Goat F(ab') <sub>2</sub> Anti-Human Kappa	Goat F(ab') <sub>2</sub>		2062-01	UNLB	0.5 mg
				2062-02	FITC	0.5 mg
				2062-05	HRP	1.0 mL
				2062-08	BIOT	0.5 mg
				2062-09	PE	0.25 mg
				2062-30	AF488	0.5 mg
				2062-31	AF647	0.5 mg
				2062-32	AF555	0.5 mg



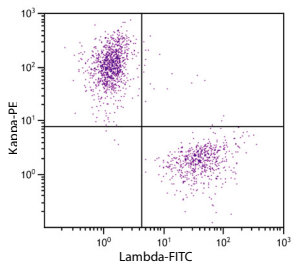
CD19<sup>+</sup> human B-lymphocytes were stained with Goat F(ab')<sub>2</sub> Anti-Human Kappa-PE (SB Cat. 2062-09) and Goat F(ab')<sub>2</sub> Anti-Human Lambda, Mouse ads-FITC (SB Cat. No. 2073-02).

Kappa	Goat Anti-Human Kappa, Mouse ads	Goat	Mouse Ig	2061-01	UNLB	1.0 mg
				2061-02	FITC	1.0 mg
				2061-03	TRITC	1.0 mg
				2061-04	AP	1.0 mL
				2061-05	HRP	1.0 mL
				2061-07	TXRD	1.0 mg
				2061-08	BIOT	1.0 mg
				2061-09	PE	0.5 mg



CD19<sup>+</sup> human B-lymphocytes were stained with Goat Anti-Human Kappa, Mouse ads-PE (SB Cat. 2061-09) and Goat F(ab')<sub>2</sub> Anti-Human Lambda, Mouse ads-FITC (SB Cat. No. 2073-02).

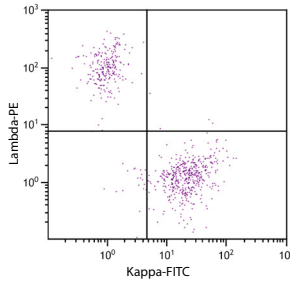
Kappa	Goat F(ab') <sub>2</sub> Anti-Human Kappa, Mouse ads	Goat F(ab') <sub>2</sub>	Mouse Ig	2063-01	UNLB	0.5 mg
				2063-02	FITC	0.5 mg
				2063-04	AP	1.0 mL
				2063-08	BIOT	0.5 mg
				2063-09	PE	0.25 mg



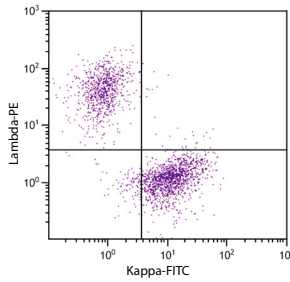
CD19<sup>+</sup> human B-lymphocytes were stained with Goat F(ab')<sub>2</sub> Anti-Human Kappa, Mouse ads-PE (SB Cat. 2063-09) and Goat F(ab')<sub>2</sub> Anti-Human Lambda, Mouse ads-FITC (SB Cat. No. 2073-02).

# Polyclonal Antibodies to Human Immunoglobulins

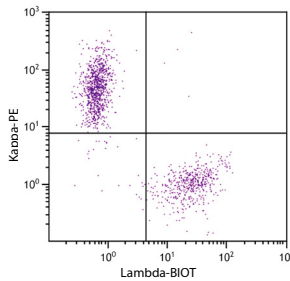
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
Lambda	Goat Anti-Human Lambda	Goat		2070-01	UNLB	1.0 mg
				2070-02	FITC	1.0 mg
				2070-03	TRITC	1.0 mg
				2070-04	AP	1.0 mL
				2070-05	HRP	1.0 mL
				2070-07	TXRD	1.0 mg
				2070-08	BIOT	1.0 mg
				2070-09	PE	0.5 mg
				2070-30	AF488	1.0 mg
				2070-31	AF647	1.0 mg
				2070-32	AF555	1.0 mg
				Lambda	Goat F(ab') <sub>2</sub> Anti-Human Lambda	Goat F(ab') <sub>2</sub>
2072-02	FITC	0.5 mg				
2072-05	HRP	1.0 mL				
2072-08	BIOT	0.5 mg				
2072-09	PE	0.25 mg				
2072-31	AF647	0.5 mg				
Lambda	Goat Anti-Human Lambda, Mouse ads	Goat	Mouse Ig	2071-01	UNLB	1.0 mg
				2071-02	FITC	1.0 mg
				2071-04	AP	1.0 mL
				2071-05	HRP	1.0 mL
				2071-08	BIOT	1.0 mg
				2071-09	PE	0.5 mg
Lambda	Goat F(ab') <sub>2</sub> Anti-Human Lambda, Mouse ads	Goat F(ab') <sub>2</sub>	Mouse Ig	2073-01	UNLB	0.5 mg
				2073-02	FITC	0.5 mg
				2073-05	HRP	1.0 mL
				2073-08	BIOT	0.5 mg
				2073-09	PE	0.25 mg
				2073-30	AF488	0.5 mg



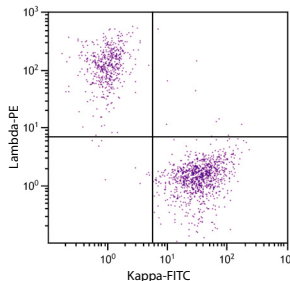
CD19<sup>+</sup> human B-lymphocytes were stained with Goat Anti-Human Lambda-PE (SB Cat. 2070-09) and Goat F(ab')<sub>2</sub> Anti-Human Kappa-FITC (SB Cat. No. 2062-02).



CD19<sup>+</sup> human B-lymphocytes were stained with Goat F(ab')<sub>2</sub> Anti-Human Lambda-PE (SB Cat. 2072-09) and Goat F(ab')<sub>2</sub> Anti-Human Kappa-FITC (SB Cat. No. 2062-02).



CD19<sup>+</sup> human B-lymphocytes were stained with Goat Anti-Human Lambda, Mouse ads-BIOT (SB Cat. 2071-08) and Goat F(ab')<sub>2</sub> Anti-Human Kappa, Mouse ads-PE (SB Cat. No. 2063-09) followed by Streptavidin-FITC (SB Cat. No. 7100-02).



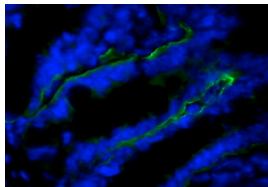
CD19<sup>+</sup> human B-lymphocytes were stained with Goat F(ab')<sub>2</sub> Anti-Human Lambda, Mouse ads-PE (SB Cat. 2073-09) and Goat F(ab')<sub>2</sub> Anti-Human Kappa-FITC (SB Cat. No. 2062-02).

## Polyclonal Antibodies to Rat Immunoglobulins

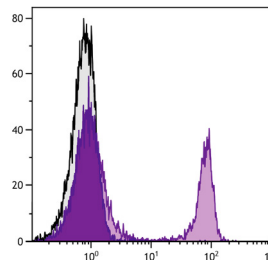
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size			
Ig	Goat Anti-Rat Ig, Mouse ads	Goat	Mouse Ig	3010-01	UNLB	1.0 mg			
				3010-02	FITC	1.0 mg			
				3010-03	TRITC	1.0 mg			
				3010-04	AP	1.0 mL			
				3010-05	HRP	1.0 mL			
				3010-07	TXRD	1.0 mg			
				3010-08	BIOT	1.0 mg			
				3010-09	PE	0.5 mg			
				3010-09S	PE	0.25 mg			
				3010-11L	APC	0.5 mg			
				3010-11S	APC	0.25 mg			
Ig	Goat Fab Anti-Rat Ig, Mouse ads	Goat Fab	Mouse Ig	3000-01	UNLB	0.5 mg			
				3000-05	HRP	1.0 mL			
				3000-08	BIOT	0.5 mg			
IgG	Goat Anti-Rat IgG	Goat		3030-01	UNLB	1.0 mg			
				3030-02	FITC	1.0 mg			
				3030-03	TRITC	1.0 mg			
				3030-04	AP	1.0 mL			
				3030-05	HRP	1.0 mL			
				3030-06	$\beta$ -GAL	1.0 mL			
				3030-08	BIOT	1.0 mg			
				3030-09	PE	0.5 mg			
							<p>FLISA plate was coated with purified rat IgG and IgM. Immunoglobulins were detected with serially diluted Goat Anti-Rat IgG-PE (SB Cat. No. 3030-09).</p>		
IgG	Goat F(ab') <sub>2</sub> Anti-Rat IgG	Goat F(ab') <sub>2</sub>		3032-01	UNLB	0.5 mg			
				3032-05	HRP	1.0 mL			
IgG(H+L)	Rabbit Anti-Rat IgG(H+L)	Rabbit		6180-01	UNLB	1.0 mg			
				6180-02	FITC	1.0 mg			
				6180-04	AP	1.0 mL			
				6180-05	HRP	1.0 mL			
				6180-08	BIOT	1.0 mg			
IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Rat IgG(H+L)	Rabbit F(ab') <sub>2</sub>		6130-01	UNLB	0.5 mg			
				6130-02	FITC	0.5 mg			
				6130-03	TRITC	0.5 mg			
				6130-04	AP	1.0 mL			
				6130-05	HRP	1.0 mL			
IgG(H+L)	Sheep Anti-Rat IgG(H+L)	Sheep		6900-01	UNLB	1.0 mg			

## Polyclonal Antibodies to Rat Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Rabbit Anti-Rat IgG(H+L), Human ads	Rabbit	Human Ig	6185-01	UNLB	1.0 mg
				6185-02	FITC	1.0 mg
				6185-04	AP	1.0 mL
				6185-05	HRP	1.0 mL
				6185-08	BIOT	1.0 mg
IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Rat IgG(H+L), Human ads	Rabbit F(ab') <sub>2</sub>	Human Ig	6135-01	UNLB	0.5 mg
				6135-02	FITC	0.5 mg
				6135-04	AP	1.0 mL
				6135-05	HRP	1.0 mL
IgG(H+L)	Donkey Anti-Rat IgG(H+L), Mouse SP ads	Donkey	Mouse SP	6430-01	UNLB	1.0 mg
				6430-02	FITC	1.0 mg
				6430-04	AP	1.0 mL
				6430-05	HRP	1.0 mL
				6430-08	BIOT	1.0 mg
				6430-09	PE	0.5 mg
				6430-30	AF488	1.0 mg
				6430-31	AF647	1.0 mg
				6430-32	AF555	1.0 mg
IgG(H+L)	Donkey F(ab') <sub>2</sub> Anti-Rat IgG(H+L), Mouse SP ads	Donkey F(ab') <sub>2</sub>	Mouse SP	6431-01	UNLB	0.5 mg
				6431-05	HRP	1.0 mL
IgG(H+L)	Goat Anti-Rat IgG(H+L), Mouse ads	Goat	Mouse Ig	3050-01	UNLB	1.0 mg
				3050-02	FITC	1.0 mg
				3050-03	TRITC	1.0 mg
				3050-04	AP	1.0 mL
				3050-05	HRP	1.0 mL
				3050-06	β-Gal	1.0 mL
				3050-07	TXRD	1.0 mg
				3050-08	BIOT	1.0 mg
				3050-09	PE	0.5 mg
				3050-09S	PE	0.25 mg
				3050-30	AF488	1.0 mg
				3050-31	AF647	1.0 mg
3050-32	AF555	1.0 mg				



BALB/c mouse frozen intestine was stained with Rat Anti-Mouse CD104-UNLB (SB Cat. No. 1855-01) followed by Goat Anti-Rat IgG(H+L), Mouse ads-BIOT (SB Cat. No. 3050-08), and Streptavidin-FITC (SB Cat. No. 7100-02).

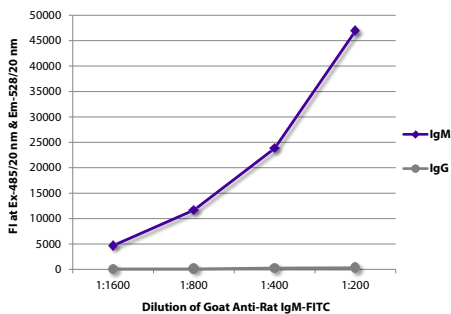


BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD4-UNLB (SB Cat. No. 1540-01) followed by Goat Anti-Rat IgG(H+L), Mouse ads-PE (SB Cat. No. 3050-09).

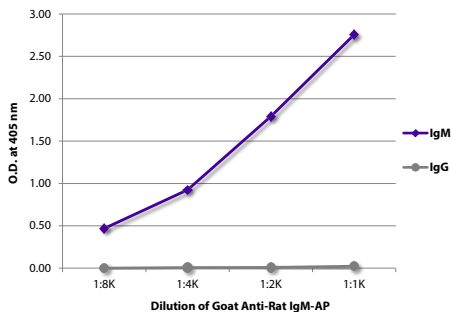
# Polyclonal Antibodies to Rat Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Goat F(ab') <sub>2</sub> Anti-Rat IgG(H+L), Mouse ads	Goat F(ab') <sub>2</sub>	Mouse Ig	3052-01	UNLB	0.5 mg
				3052-02	FITC	0.5 mg
				3052-07	TXRD	0.5 mg
				3052-08	BIOT	0.5 mg
				3052-09	PE	0.25 mg
				3052-10	PE/TXRD	0.25 mg
				3052-13	SPRD	0.25 mg
				3052-14	LE/AF	0.5 mg
3052-16	PE/CY5.5	0.25 mg				
IgG(H+L)	Mouse Anti-Rat IgG(H+L), Mouse SP ads	Mouse	Mouse SP	3053-01	UNLB	1.0 mg
				3053-08	BIOT	1.0 mg
IgG(H+L)	Goat Anti-Rat IgG(H+L), Mouse/Human ads	Goat	Mouse/Human Ig	3051-01	UNLB	0.5 mg
				3051-05	HRP	1.0 mL
				3051-08	BIOT	0.5 mg

Specificity	Description	Host	Cat. No.	Format	Size
IgM	Goat Anti-Rat IgM	Goat	3020-01	UNLB	1.0 mg
			3020-02	FITC	1.0 mg
			3020-03	TRITC	1.0 mg
			3020-04	AP	1.0 mL
			3020-05	HRP	1.0 mL
			3020-07	TXRD	1.0 mg
			3020-08	BIOT	1.0 mg
			3020-09	PE	0.5 mg
			3020-30	AF488	1.0 mg



FLISA plate was coated with purified rat IgM and IgG. Immunoglobulins were detected with serially diluted Goat Anti-Rat IgM-FITC (SB Cat. No. 3020-02).

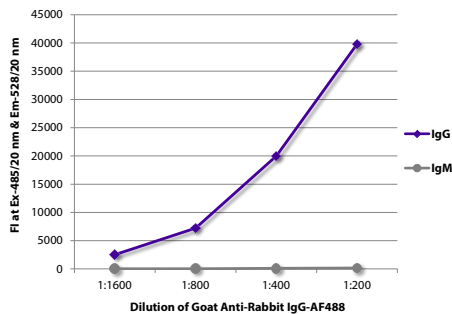


ELISA plate was coated with purified rat IgM and IgG. Immunoglobulins were detected with serially diluted Goat Anti-Rat IgM-AP (SB Cat. No. 3020-04).

# Polyclonal Antibodies to Rabbit Immunoglobulins

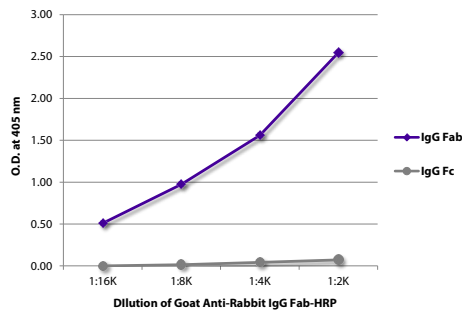
Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
Ig	Goat Anti-Rabbit Ig, Human ads	Goat	Human Ig	4010-01	UNLB	1.0 mg
				4010-02	FITC	1.0 mg
				4010-03	TRITC	1.0 mg
				4010-04	AP	1.0 mL
				4010-05	HRP	1.0 mL
				4010-06	$\beta$ -Gal	1.0 mL
				4010-07	TXRD	1.0 mg
				4010-08	BIOT	1.0 mg
				4010-09	PE	0.5 mg
				4010-09S	PE	0.25 mg
				4010-31	AF647	1.0 mg
				4010-32	AF555	1.0 mg

Specificity	Description	Host	Cat. No.	Format	Size
IgG	Goat Anti-Rabbit IgG	Goat	4030-01	UNLB	1.0 mg
			4030-02	FITC	1.0 mg
			4030-03	TRITC	1.0 mg
			4030-04	AP	1.0 mL
			4030-05	HRP	1.0 mL
			4030-08	BIOT	1.0 mg
			4030-09	PE	0.5 mg
			4030-30	AF488	1.0 mg
			4030-31	AF647	1.0 mg
			4030-32	AF555	1.0 mg



FLISA plate was coated with purified rabbit IgG and IgM. Immunoglobulins were detected with serially diluted Goat Anti-Rabbit IgG-AF488 (SB Cat. No. 4030-30).

Specificity	Description	Host	Cat. No.	Format	Size
IgG Fab	Goat Anti-Rabbit IgG Fab	Goat	4040-01	UNLB	0.5 mg
			4040-05	HRP	1.0 mL
			4040-08	BIOT	0.5 mg



ELISA plate was coated with purified rabbit IgG Fab and IgG Fc. Immunoglobulins were detected with serially diluted Goat Anti-Rabbit IgG Fab-HRP (SB Cat. No. 4040-05).

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG Fab	Goat Anti-Rabbit IgG Fab, Mouse/Human SP ads	Goat	Mouse/Human SP	4058-01	UNLB	0.5 mg
				4058-05	HRP	1.0 mL



# Polyclonal Antibodies to Rabbit Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG Fc	Goat Anti-Rabbit IgG Fc	Goat		4041-01	UNLB	0.5 mg
				4041-02	FITC	0.5 mg
				4041-05	HRP	1.0 mL
				4041-08	BIOT	0.5 mg

Dilution	IgG Fc (Optical Density)	IgG Fab (Optical Density)
1:1600	~2500	~0
1:800	~5000	~0
1:400	~15000	~0
1:200	~32000	~0

FLISA plate was coated with purified rabbit IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Goat Anti-Rabbit IgG Fc-FITC (SB Cat. No. 4041-02).

IgG(H+L)	Donkey Anti-Rabbit IgG(H+L)	Donkey		6441-01	UNLB	1.0 mg
				6441-02	FITC	1.0 mg
				6441-05	HRP	1.0 mL
IgG(H+L)	Goat Anti-Rabbit IgG(H+L)	Goat		4055-01	UNLB	1.0 mg
				4055-02	FITC	1.0 mg
				4055-05	HRP	1.0 mL
IgG(H+L)	Swine Anti-Rabbit IgG(H+L)	Swine		6311-01	UNLB	1.0 mg
IgG(H+L)	Goat Anti-Rabbit IgG(H+L), Human ads	Goat	Human Ig	4051-01	UNLB	1.0 mg
				4051-05	HRP	1.0 mL
IgG(H+L)	Goat Anti-Rabbit IgG(H+L), Mouse/Human ads	Goat	Mouse/Human Ig	4050-01	UNLB	1.0 mg
				4050-02	FITC	1.0 mg
				4050-03	TRITC	1.0 mg
				4050-04	AP	1.0 mL
				4050-05	HRP	1.0 mL
				4050-07	TXRD	1.0 mg
				4050-08	BIOT	1.0 mg
				4050-09	PE	0.5 mg
				4050-09S	PE	0.25 mg
				4050-11L	APC	0.5 mg
				4050-11S	APC	0.25 mg
				4050-13	SPRD	0.25 mg
				4050-30	AF488	1.0 mg
4050-31	AF647	1.0 mg				
4050-32	AF555	1.0 mg				

Marker (kDa)
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50
37
25
20
15

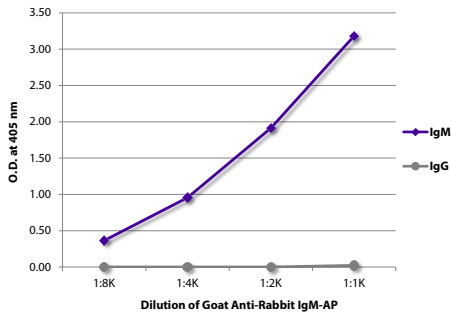
Total cell lysates from Jurkat cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Rabbit Anti-Human DR5-UNLB (SB Cat. No. 6600-01). Proteins were visualized using Goat Anti-Rabbit IgG(H+L), Mouse/Human ads-HRP (SB Cat. No. 4050-05) secondary antibody and chemiluminescent detection.

## Polyclonal Antibodies to Rabbit Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Goat F(ab') <sub>2</sub> Anti-Rabbit IgG(H+L), Mouse/ Human ads	Goat F(ab') <sub>2</sub>	Mouse/Human Ig	4052-01	UNLB	0.5 mg
				4052-02	FITC	0.5 mg
				4052-04	AP	1.0 mL
				4052-05	HRP	1.0 mL
				4052-08	BIOT	0.5 mg
				4052-09	PE	0.25 mg
IgG(H+L)	Donkey Anti-Rabbit IgG(H+L), Mouse/Rat/ Human SP ads	Donkey	Mouse/Rat/Human SP	6440-01	UNLB	1.0 mg
				6440-02	FITC	1.0 mg
				6440-04	AP	1.0 mL
				6440-05	HRP	1.0 mL
				6440-08	BIOT	1.0 mg
				6440-09	PE	0.5 mg
				6440-30	AF488	1.0 mg
IgG(H+L)	Donkey F(ab') <sub>2</sub> Anti-Rabbit IgG(H+L), Mouse/ Rat/Human SP ads	Donkey F(ab') <sub>2</sub>	Mouse/Rat/Human SP	6446-01	UNLB	0.5 mg
				6446-05	HRP	1.0 mL
IgG(H+L)	Goat Anti-Rabbit IgG(H+L), Mouse/Rat/ Human ads	Goat	Mouse/Rat/Human Ig	4049-01	UNLB	1.0 mg
				4049-04	AP	1.0 mL
				4049-05	HRP	1.0 mL
IgG(H+L)	Goat F(ab') <sub>2</sub> Anti-Rabbit IgG(H+L), Mouse/Rat/ Human ads	Goat F(ab') <sub>2</sub>	Mouse/Rat/Human Ig	4054-01	UNLB	0.5 mg
				4054-02	FITC	0.5 mg
				4054-05	HRP	1.0 mL
				4054-08	BIOT	0.5 mg
IgG(H+L)	Mouse Anti-Rabbit IgG(H+L), Mouse/Human/ Goat/Sheep SP ads	Mouse	Mouse/Human/Goat/ Sheep SP	4091-01	UNLB	1.0 mg
				4091-08	BIOT	1.0 mg
IgG(H+L)	Swine Anti-Rabbit IgG(H+L), Mouse/Rat/Human/ Goat SP ads	Swine	Mouse/Rat/Human/ Goat SP	6310-01	UNLB	1.0 mg
				6310-05	HRP	1.0 mL
IgG(H+L)	Donkey Anti-Rabbit IgG(H+L), Multi-Species SP ads	Donkey	Human/Mouse/Rat/ Bovine/Horse/Hamster/ Goat/Sheep/Chicken/ Guinea Pig SP	6442-01	UNLB	1.0 mg
				6442-05	HRP	1.0 mL
IgG(H+L)	Donkey F(ab') <sub>2</sub> Anti-Rabbit IgG(H+L), Multi- Species SP ads	Donkey F(ab') <sub>2</sub>	Human/Mouse/Rat/ Bovine/Horse/Hamster/ Goat/Sheep/Chicken/ Guinea Pig SP	6444-01	UNLB	0.5 mg
				6444-05	HRP	1.0 mg
				6444-31	AF647	0.5 mg

# Polyclonal Antibodies to Rabbit Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgM	Goat Anti-Rabbit IgM	Goat		4020-01	UNLB	1.0 mg
				4020-02	FITC	1.0 mg
				4020-03	TRITC	1.0 mg
				4020-04	AP	1.0 mL
				4020-05	HRP	1.0 mL
				4020-08	BIOT	1.0 mg
				4020-09	PE	0.5 mg



ELISA plate was coated with purified rabbit IgM and IgG. Immunoglobulins were detected with serially diluted Goat Anti-Rabbit IgM-AP (SB Cat. No. 4020-04).

IgM	Goat Anti-Rabbit IgM, Multi-Species SP ads	Goat	Human/Mouse/Rat/ Bovine/Horse/Hamster/ Goat/Sheep/Chicken/ Guinea Pig SP	4021-01	UNLB	1.0 mg
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# Polyclonal Antibodies to Goat Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG Fab	Rabbit Anti-Goat IgG Fab	Rabbit		6022-01	UNLB	0.5 mg
				6022-08	BIOT	0.5 mg
						<p>ELISA plate was coated with purified goat IgG Fab and IgG Fc. Immunoglobulins were detected with serially diluted Rabbit Anti-Goat IgG Fab-BIOT (SB Cat. No. 6022-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).</p>
IgG Fc	Donkey Anti-Goat IgG Fc	Donkey		6460-01	UNLB	0.5 mg
				6460-05	HRP	1.0 mL
						<p>ELISA plate was coated with purified goat IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Donkey Anti-Goat IgG Fc-HRP (SB Cat. No. 6460-05).</p>
IgG Fc	Rabbit Anti-Goat IgG Fc	Rabbit		6163-01	UNLB	0.5 mg
				6163-05	HRP	1.0 mL
						<p>ELISA plate was coated with purified goat IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Rabbit Anti-Goat IgG Fc-HRP (SB Cat. No. 6163-05).</p>
IgG(H+L)	Rabbit Anti-Goat IgG(H+L)	Rabbit		6160-01	UNLB	1.0 mg
				6160-02	FITC	1.0 mg
				6160-03	TRITC	1.0 mg
				6160-04	AP	1.0 mL
				6160-05	HRP	1.0 mL
				6160-08	BIOT	1.0 mg

## Polyclonal Antibodies to Rabbit Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Goat IgG(H+L)	Rabbit F(ab') <sub>2</sub>		6020-01	UNLB	0.5 mg
				6020-02	FITC	0.5 mg
				6020-04	AP	1.0 mL
				6020-05	HRP	1.0 mL
IgG(H+L)	Rabbit Anti-Goat IgG(H+L), Human SP ads	Rabbit	Human SP	6164-01	UNLB	1.0 mg
				6164-02	FITC	1.0 mg
				6164-04	AP	1.0 mL
				6164-05	HRP	1.0 mL
				6164-08	BIOT	1.0 mg
IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Goat IgG(H+L), Human SP ads	Rabbit F(ab') <sub>2</sub>	Human SP	6026-01	UNLB	0.5 mg
				6026-02	FITC	0.5 mg
				6026-04	AP	1.0 mL
				6026-05	HRP	1.0 mL
IgG(H+L)	Donkey Anti-Goat IgG(H+L), Mouse/Rat SP ads	Donkey	Mouse/Rat SP	6420-01	UNLB	1.0 mg
				6420-02	FITC	1.0 mg
				6420-04	AP	1.0 mL
				6420-05	HRP	1.0 mL
				6420-08	BIOT	1.0 mg
				6420-09	PE	0.5 mg
				6420-30	AF488	1.0 mg
				6420-31	AF647	1.0 mg
				6420-32	AF555	1.0 mg
				IgG(H+L)	Donkey F(ab') <sub>2</sub> Anti-Goat IgG(H+L), Mouse/Rat SP ads	Donkey F(ab') <sub>2</sub>
IgG(H+L)	Swine Anti-Goat IgG(H+L), Human/Rat/Mouse SP ads	Swine	Human/Rat/Mouse SP	6300-01	UNLB	1.0 mg
				6300-02	FITC	1.0 mg
				6300-04	AP	1.0 mL
				6300-05	HRP	1.0 mL
				6300-08	BIOT	1.0 mg
IgG(H+L)	Donkey Anti-Goat IgG(H+L), Multi-Species SP ads	Donkey	Human/Mouse/Rat/Hamster/Rabbit/Chicken/Horse/Guinea Pig SP	6425-01	UNLB	1.0 mg
				6425-05	HRP	1.0 mL
				6425-08	BIOT	1.0 mg

## Polyclonal Antibodies to Hamster Immunoglobulins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Goat Anti-Hamster IgG(H+L)	Goat		6060-01	UNLB	1.0 mg
				6060-02	FITC	1.0 mg
				6060-04	AP	1.0 mL
				6060-05	HRP	1.0 mL
				6060-08	BIOT	1.0 mg
IgG(H+L)	Rabbit Anti-Hamster IgG(H+L), Mouse ads	Rabbit	Mouse Ig	6211-01	UNLB	0.5 mg
				6211-05	HRP	1.0 mL
				6211-09	PE	0.25 mg
IgG(H+L)	Goat Anti-Hamster IgG(H+L), Mouse/Rat ads	Goat	Mouse/Rat Ig	6061-01	UNLB	1.0 mg
				6061-02	FITC	1.0 mg
				6061-04	AP	1.0 mL
				6061-05	HRP	1.0 mL
				6061-08	BIOT	1.0 mg
				6061-09	PE	0.5 mg
				6061-11	APC	0.5 mg
				6061-17	PE/CY7	0.25 mg
IgG(H+L)	Goat F(ab') <sub>2</sub> Anti-Hamster IgG(H+L), Mouse/Rat ads	Goat F(ab') <sub>2</sub>	Mouse/Rat Ig	6062-01	UNLB	0.5 mg
				6062-02	FITC	0.5 mg
				6062-08	BIOT	0.5 mg
				6062-09	PE	0.25 mg
IgG(H+L)	Rabbit Anti-Hamster IgG(H+L), Mouse/Rat SP ads	Rabbit	Mouse/Rat SP	6215-01	UNLB	0.5 mg
				6215-02	FITC	0.5 mg
				6215-05	HRP	1.0 mL
				6215-08	BIOT	0.5 mg
				6215-09	PE	0.1 mg
				6215-14	LE/AF	0.5 mg

## Polyclonal Antibodies to Immunoglobulins of Miscellaneous Species

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Goat Anti-Bovine IgG(H+L)	Goat		6030-01	UNLB	1.0 mg
				6030-02	FITC	1.0 mg
				6030-04	AP	1.0 mL
				6030-05	HRP	1.0 mL
				6030-08	BIOT	1.0 mg
IgG(H+L)	Goat Anti-Canine IgG(H+L)	Goat		6070-01	UNLB	1.0 mg
				6070-02	FITC	1.0 mg
				6070-04	AP	1.0 mL
				6070-05	HRP	1.0 mL
				6070-08	BIOT	1.0 mg
				6070-30	AF488	1.0 mg
IgY(H+L)	Goat Anti-Chicken IgY(H+L)	Goat		6100-01	UNLB	1.0 mg
				6100-02	FITC	1.0 mg
				6100-04	AP	1.0 mL
				6100-05	HRP	1.0 mL
				6100-08	BIOT	1.0 mg
				6100-09	PE	0.5 mg
				6100-30	AF488	1.0 mg
IgY(H+L)	Goat Anti-Chicken IgY(H+L), Multi-Species SP ads	Goat	Human/Mouse/Rat/ Bovine/Horse/Hamster/ Goat/Sheep/Rabbit/ Guinea Pig SP	6105-01	UNLB	1.0 mg
				6105-02	FITC	1.0 mg
				6105-05	HRP	1.0 mL
IgG(H+L)	Goat Anti-Donkey IgG(H+L)	Goat		6800-01	UNLB	1.0 mg
IgG(H+L)	Goat Anti-Equine IgG(H+L)	Goat		6040-01	UNLB	1.0 mg
				6040-02	FITC	1.0 mg
				6040-04	AP	1.0 mL
				6040-05	HRP	1.0 mL
				6040-08	BIOT	1.0 mg
				6040-09	PE	0.5 mg
IgG(H+L)	Goat Anti-Feline IgG(H+L)	Goat		6080-01	UNLB	1.0 mg
				6080-02	FITC	1.0 mg
				6080-04	AP	1.0 mL
				6080-05	HRP	1.0 mL

## Polyclonal Antibodies to Immunoglobulins of Miscellaneous Species

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Goat Anti-Guinea Pig IgG(H+L)	Goat		6090-01	UNLB	1.0 mg
				6090-02	FITC	1.0 mg
				6090-04	AP	1.0 mL
				6090-05	HRP	1.0 mL
				6090-08	BIOT	1.0 mg
IgG(H+L)	Goat Anti-Porcine IgG(H+L)	Goat		6050-01	UNLB	1.0 mg
				6050-02	FITC	1.0 mg
				6050-04	AP	1.0 mL
				6050-05	HRP	1.0 mL
				6050-08	BIOT	1.0 mg
6050-30	AF488	1.0 mg				
IgG(H+L)	Goat Anti-Rhesus IgG(H+L)	Goat		6200-01	UNLB	1.0 mg
				6200-02	FITC	1.0 mg
				6200-03	TRITC	1.0 mg
				6200-04	AP	1.0 mL
				6200-05	HRP	1.0 mL
				6200-08	BIOT	1.0 mg
				6200-09	PE	0.5 mg
				6200-31	AF647	1.0 mg
IgG(H+L)	Rabbit Anti-Sheep IgG(H+L)	Rabbit		6150-01	UNLB	1.0 mg
				6150-02	FITC	1.0 mg
				6150-03	TRITC	1.0 mg
				6150-04	AP	1.0 mL
				6150-05	HRP	1.0 mL
				6150-08	BIOT	1.0 mg
IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Sheep IgG(H+L)	Rabbit F(ab') <sub>2</sub>		6010-01	UNLB	0.5 mg
				6010-02	FITC	0.5 mg
				6010-04	AP	1.0 mL
				6010-05	HRP	1.0 mL
IgG(H+L)	Rabbit Anti-Sheep IgG(H+L), Human SP ads	Rabbit	Human SP	6156-01	UNLB	1.0 mg
				6156-02	FITC	1.0 mg
				6156-04	AP	1.0 mL
				6156-05	HRP	1.0 mL
				6156-08	BIOT	1.0 mg

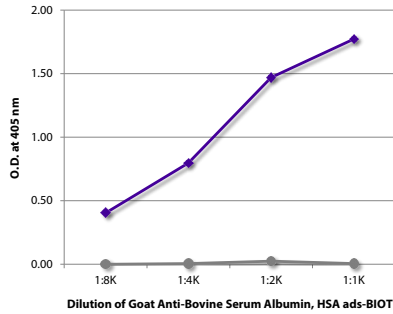


## Polyclonal Antibodies to Immunoglobulins of Miscellaneous Species

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
IgG(H+L)	Rabbit F(ab') <sub>2</sub> Anti-Sheep IgG(H+L), Human SP ads	Rabbit F(ab') <sub>2</sub>	Human SP	6016-01	UNLB	0.5 mg
				6016-02	FITC	0.5 mg
				6016-04	AP	1.0 mL
				6016-05	HRP	1.0 mL
IgY(H+L)	Goat Anti-Turkey IgY(H+L)	Goat		6110-01	UNLB	1.0 mg
				6110-02	FITC	1.0 mg
				6110-04	AP	1.0 mL
				6110-05	HRP	1.0 mL
				6110-08	BIOT	1.0 mg
				6110-09	PE	0.5 mg

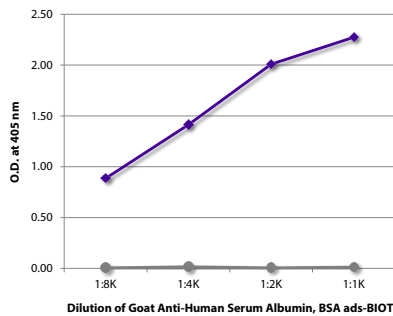
## Polyclonal Antibodies to Serum Proteins

Specificity	Description	Host	Cross Adsorption	Cat. No.	Format	Size
Bovine Serum Albumin	Goat Anti-Bovine Serum Albumin, Human Serum Albumin ads	Goat	Human Serum Albumin	2079-01	UNLB	1.0 mg
				2079-08	BIOT	1.0 mg



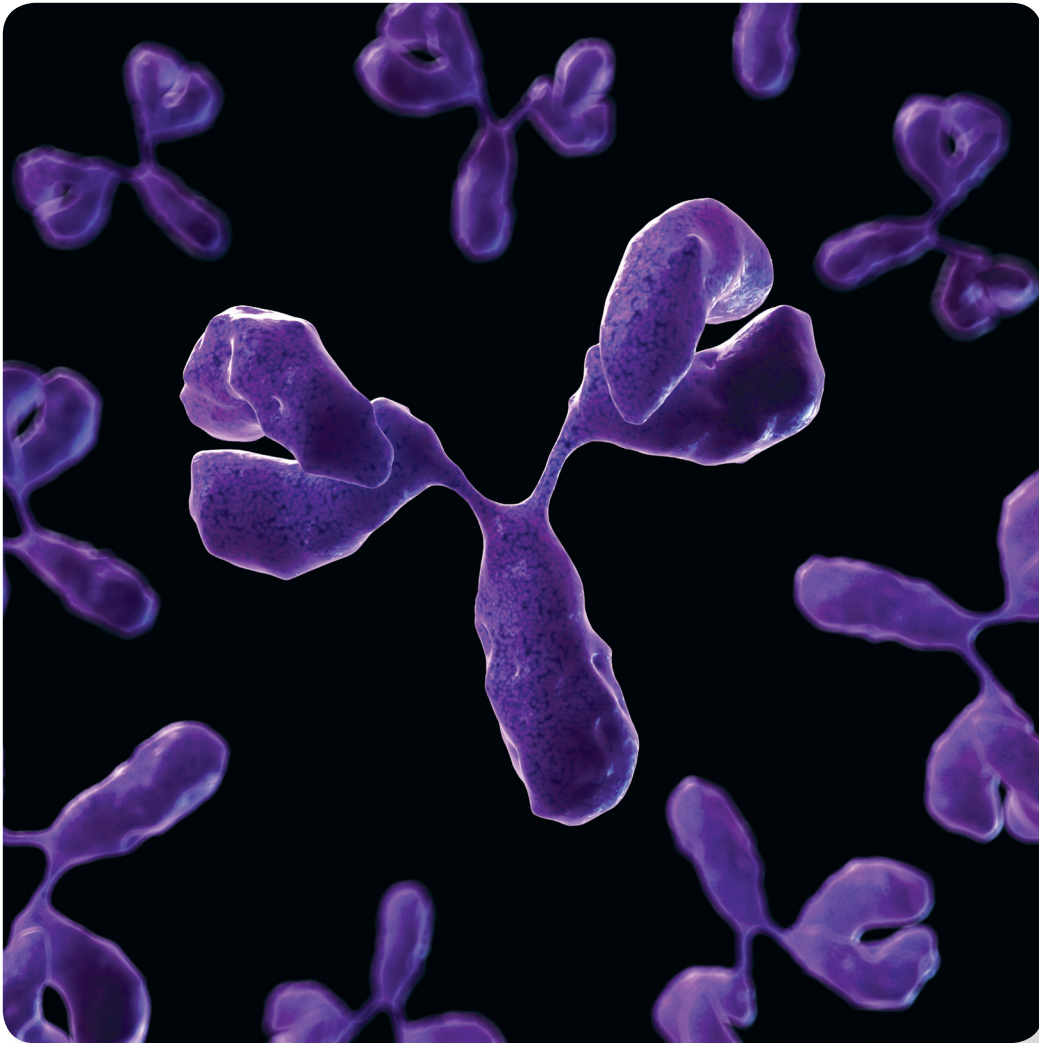
ELISA plate was coated with purified bovine serum albumin and human serum albumin. Albumins were detected with serially diluted Goat Anti-Bovine Serum Albumin, Human Serum Albumin ads-BIOT (SB Cat. No. 2079-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

Human Serum Albumin	Goat Anti-Human Serum Albumin, Bovine Serum Albumin ads	Goat	Bovine Serum Albumin	2080-01	UNLB	1.0 mg
				2080-08	BIOT	1.0 mg



ELISA plate was coated with purified human serum albumin and bovine serum albumin. Albumins were detected with serially diluted Goat Anti-Human Serum Albumin, Bovine Serum Albumin ads-BIOT (SB Cat. No. 2080-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

# Antibodies & Reagents to Enzymes & Fluorochromes



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# Streptavidin and Neutralite Avidin

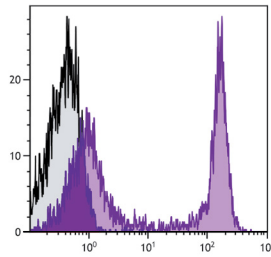
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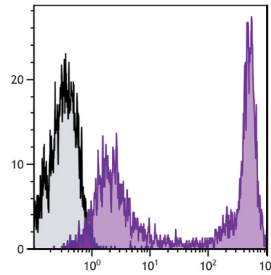
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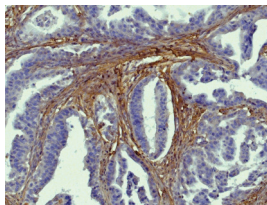
Streptavidin



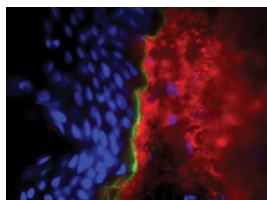
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45R-BIOT (SB Cat. No. 1665-08) followed by Streptavidin-SPRD (SB Cat. No. 7100-13).



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45R-BIOT (SB Cat. No. 1665-08) followed by Streptavidin-PE/CY5.5 (SB Cat. No. 7100-16).



Human gastric cancer tissue was stained with Goat Anti-Type I Collagen-BIOT (SB Cat. No. 1310-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

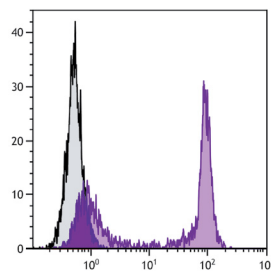


Human skin tissue was stained with Mouse Anti-Type I Collagen-UNLB (SB Cat. No. 1441-01; red) followed by Goat Anti-Mouse IgG<sub>2b</sub>, Human ads-BIOT (Cat. No. 1090-08) and Streptavidin-CY3 (SB Cat. No. 7100-12).

7100-01	UNLB	5.0 mg
7100-01S	UNLB	0.5 mg
7100-02	FITC	1.0 mg
7100-02S	FITC	0.5 mg
7100-03	TRITC	1.0 mg
7100-04	AP	1.0 mL
7100-05	HRP	1.0 mL
7100-06	β-Gal	1.0 mL
7100-07	TXRD	1.0 mg
7100-09L	PE	1.0 mg
7100-09M	PE	0.5 mg
7100-09S	PE	0.1 mg
7100-10	PE/TXRD	0.1 mg
7100-11L	APC	1.0 mg
7100-11M	APC	0.5 mg
7100-11S	APC	0.1 mg
7100-12	CY3	0.1 mg
7100-13L	SPRD	0.5 mg
7100-13S	SPRD	0.1 mg
7100-15	CY5	1.0 mg
7100-16L	PE/CY5.5	0.5 mg
7100-16S	PE/CY5.5	0.1 mg
7100-17L	PE/CY7	0.5 mg
7100-17S	PE/CY7	0.1 mg
7100-19L	APC/CY7	0.5 mg
7100-19S	APC/CY7	0.1 mg
7100-21	CY2	1.0 mg
7100-24	CY3.5	0.1 mg

Biotin

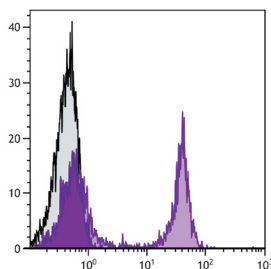
Neutralite Avidin



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45R-BIOT (SB Cat. No. 1665-08) followed by Neutralite Avidin-FITC (SB Cat. No. 7200-02).

7200-01	UNLB	5.0 mg
7200-02	FITC	1.0 mg
7200-03	TRITC	1.0 mg
7200-04	AP	1.0 mL
7200-05	HRP	1.0 mL
7200-06	β-Gal	1.0 mL
7200-07	TXRD	1.0 mg
7200-09	PE	0.5 mg
7200-11	APC	0.1 mg
7200-12	CY3	0.1 mg
7200-13	SPRD	0.1 mg
7200-15	CY5	1.0 mg
7200-21	CY2	1.0 mg

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
Biotin	SB58c	Mouse IgG <sub>1</sub> κ	FC, WB, ELISA, FLISA	6404-01	UNLB	0.5 mg
				6404-02	FITC	0.5 mg
				6404-04	AP	1.0 mL
				6404-05	HRP	1.0 mL
				6404-09	PE	0.1 mg



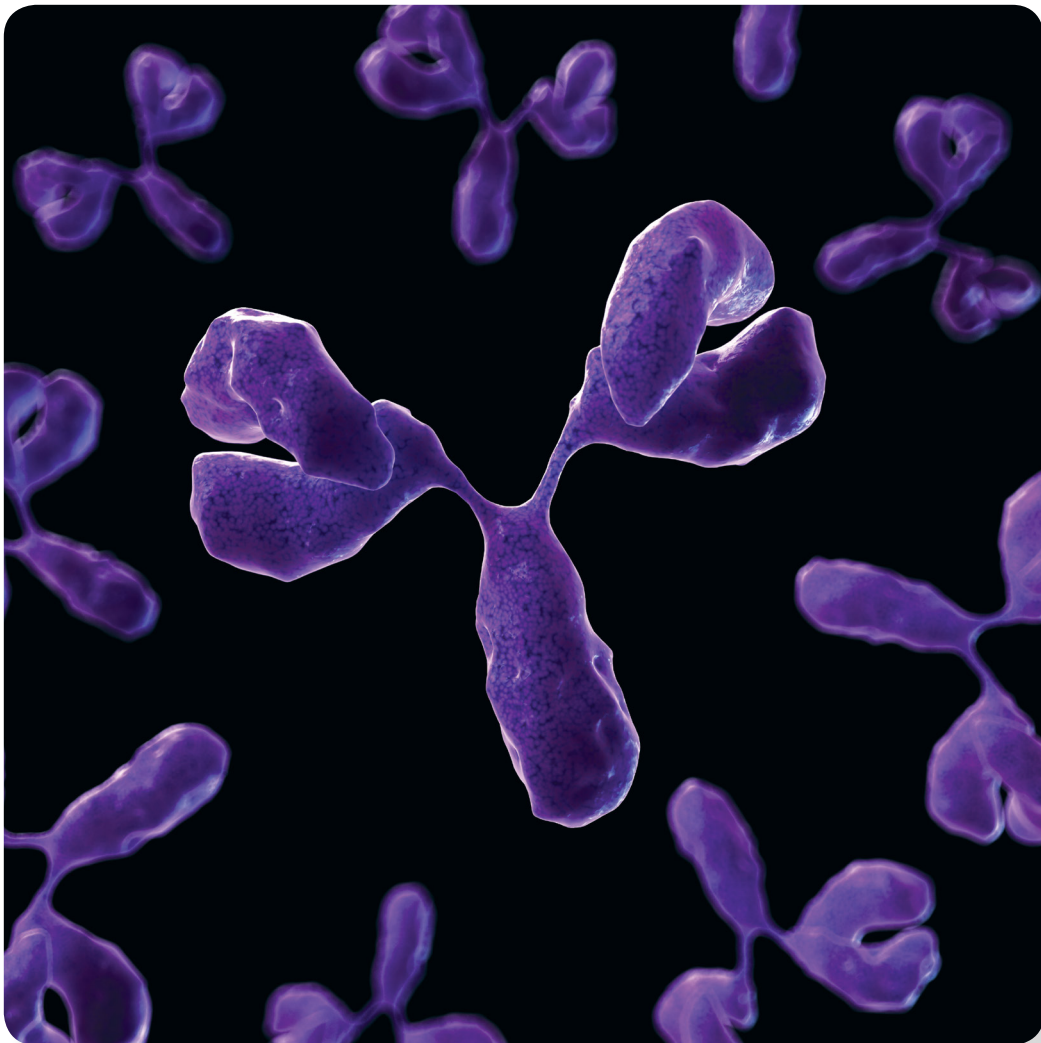
BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45R-BIOT (SB Cat. No. 1665-08) followed by Mouse Anti-BIOT-PE (SB Cat. No. 6404-09).

Specificity	Description	Host	Cat. No.	Format	Size
FITC	Sheep Anti-FITC	Sheep	6400-01	UNLB	1.0 mg
			6400-04	AP	1.0 mL
			6400-05	HRP	1.0 mL
			6400-08	BIOT	1.0 mg
			6400-09	PE	0.5 mg

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# Immunoassay Kits



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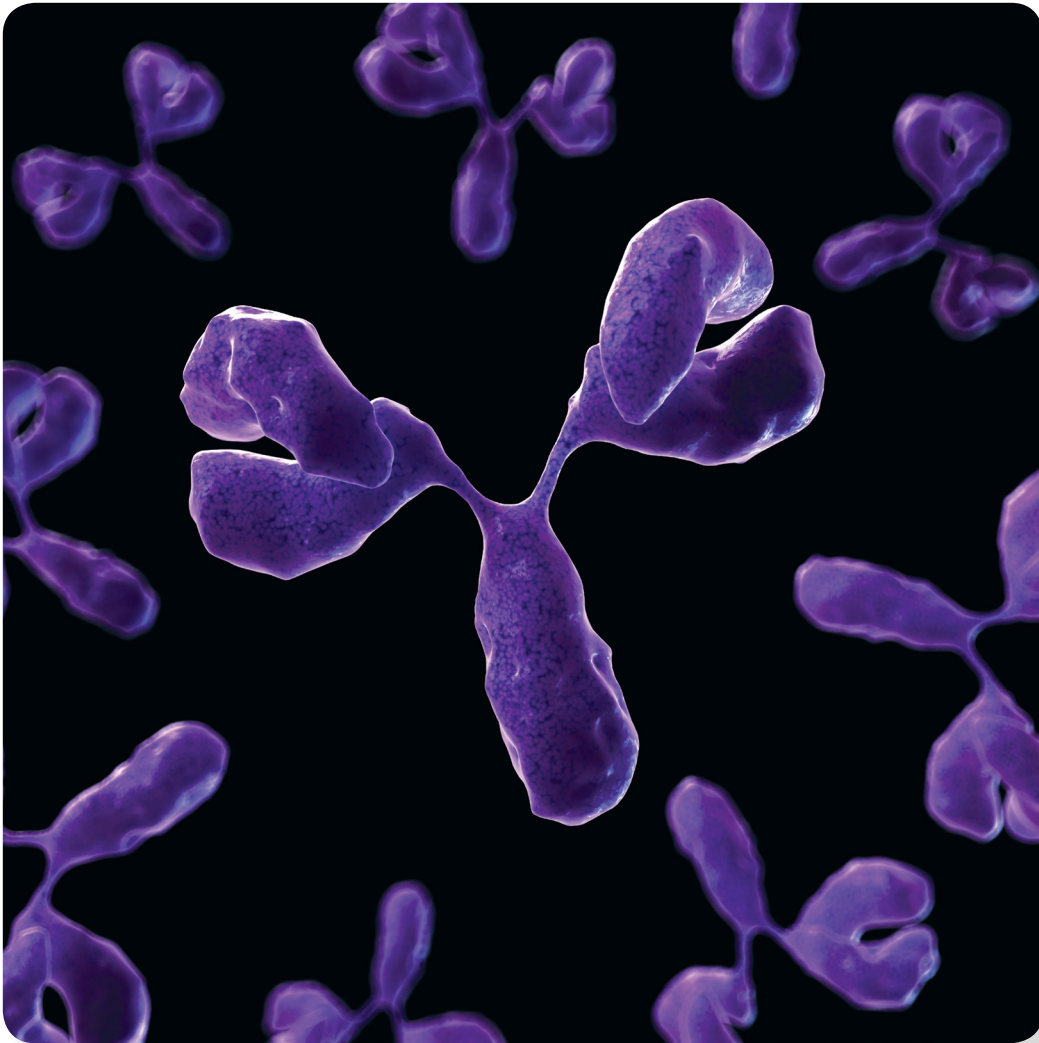
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## Mouse Immunoassay Kits

Description	Kit Components	Cat. No.	Format	Size
SBA Clonotyping System	Goat Anti-Mouse Ig Capture Antibody	5300-04	AP	1 Kit
	Goat Anti-Mouse Ig (AP or HRP Conjugated)	5300-05	HRP	1 Kit
	Goat Anti-Mouse IgA (AP or HRP Conjugated)			
	Goat Anti-Mouse IgG <sub>1</sub> (AP or HRP Conjugated)			
	Goat Anti-Mouse IgG <sub>2a</sub> (AP or HRP Conjugated)			
	Goat Anti-Mouse IgG <sub>2b</sub> (AP or HRP Conjugated)			
	Goat Anti-Mouse IgG <sub>3</sub> (AP or HRP Conjugated)			
	Goat Anti-Mouse IgM (AP or HRP Conjugated)			
	Goat Anti-Mouse Kappa (AP or HRP Conjugated)			
	Goat Anti-Mouse Lambda (AP or HRP Conjugated)			
	Enzyme Substrate ( <i>p</i> -NPP or ABTS)			
SBA Clonotyping System-B6/C57J	Goat Anti-Mouse Ig Capture Antibody	5300-04B	AP	1 Kit
	Goat Anti-Mouse Ig (AP or HRP Conjugated)	5300-05B	HRP	1 Kit
	Goat Anti-Mouse IgA (AP or HRP Conjugated)			
	Goat Anti-Mouse IgG <sub>1</sub> (AP or HRP Conjugated)			
	Goat Anti-Mouse IgG <sub>2b</sub> (AP or HRP Conjugated)			
	Goat Anti-Mouse IgG <sub>2c</sub> (AP or HRP Conjugated)			
	Goat Anti-Mouse IgG <sub>3</sub> (AP or HRP Conjugated)			
	Goat Anti-Mouse IgM (AP or HRP Conjugated)			
	Goat Anti-Mouse Kappa (AP or HRP Conjugated)			
	Goat Anti-Mouse Lambda (AP or HRP Conjugated)			
	Enzyme Substrate ( <i>p</i> -NPP or ABTS)			
Mouse Immunoglobulin Panel	Purified Mouse IgA	5300-01	UNLB	1 Kit
	Purified Mouse IgG <sub>1</sub>			
	Purified Mouse IgG <sub>2a</sub>			
	Purified Mouse IgG <sub>2b</sub>			
	Purified Mouse IgG <sub>3</sub>			
	Purified Mouse IgM			
B6/C57J Mouse Immunoglobulin Panel	Purified Mouse IgA	5300-01B	UNLB	1 Kit
	Purified Mouse IgG <sub>1</sub>			
	Purified Mouse IgG <sub>2b</sub>			
	Purified Mouse IgG <sub>2c</sub>			
	Purified Mouse IgG <sub>3</sub>			
	Purified Mouse IgM			



# Epitope Tag Antibodies



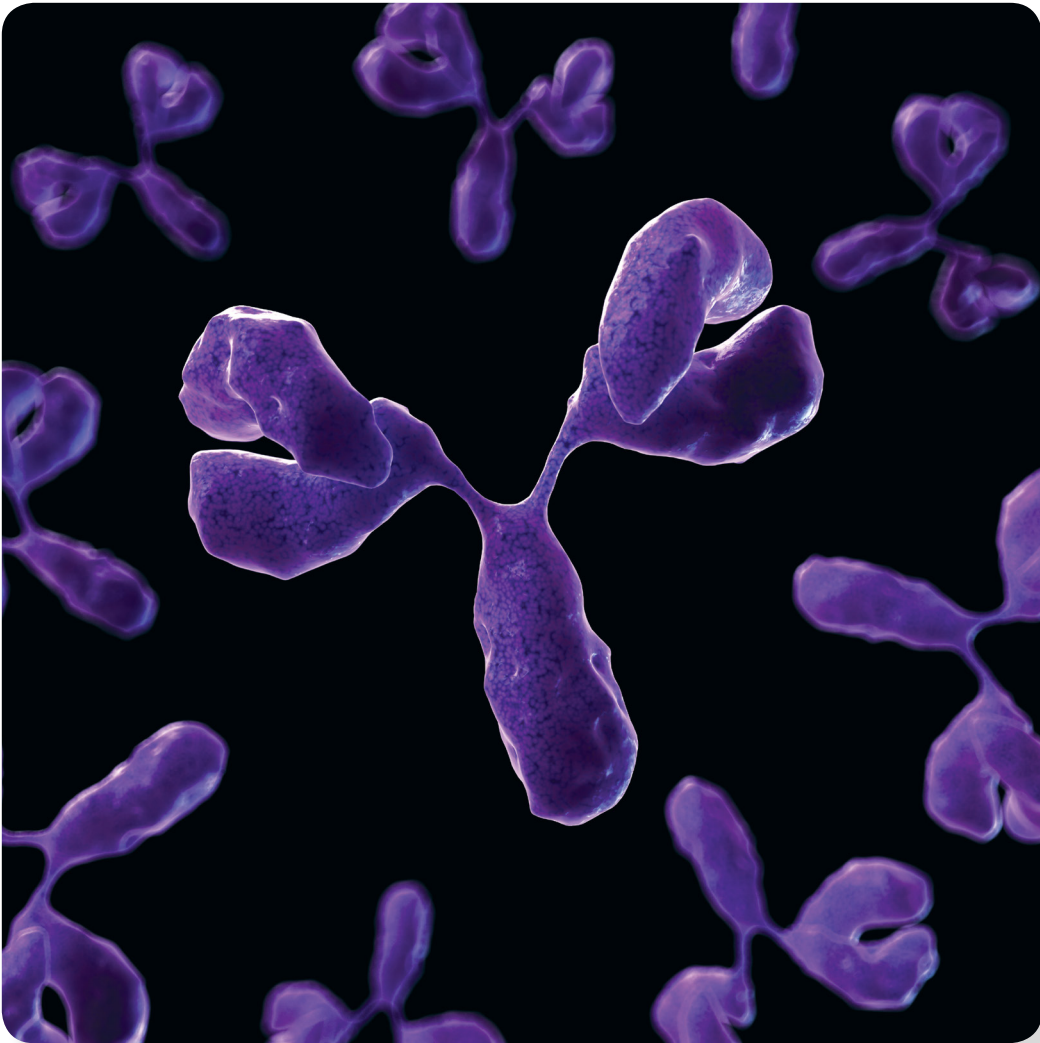
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## Antibodies to Epitope Tags

Specificity	Clone	Isotype	Applications	Cat. No.	Format	Size
S-Tag	SBSTAGa	Mouse IgG <sub>1</sub> κ	ELISA, FLISA, WB	4600-01	UNLB	0.5 mg
				4600-02	FITC	0.5 mg
				4600-05	HRP	1.0 mL
				4600-08	BIOT	0.5 mg
				4600-09	PE	0.1 mg
S-Tag	SBSTAGb	Mouse IgG <sub>2a</sub> κ	ELISA, FLISA	4601-01	UNLB	0.5 mg
				4601-02	FITC	0.5 mg
				4601-05	HRP	1.0 mL
				4601-08	BIOT	0.5 mg
				4601-09	PE	0.1 mg
S-Tag	SBSTAGc	Mouse IgG <sub>2b</sub> κ	ELISA, FLISA	4602-01	UNLB	0.5 mg
				4602-02	FITC	0.5 mg
				4602-05	HRP	1.0 mL
				4602-09	PE	0.1 mg
Specificity		Host	Applications	Cat. No.	Format	Size
S-Tag		Goat	ELISA, FLISA, IP	6500-01	UNLB	0.5 mg
				6500-02	FITC	0.5 mg
				6500-09	PE	0.1 mg
				6500-25	SEPH	100 tests

# Miscellaneous Products



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## Enzyme Substrates and Stop Solutions

Description	Reactive Enzyme	Cat. No.	Size
TMB One Component Microwell Substrate, Solution	HRP	0410-01L	1 L
		0410-01	100 mL
TMB Stop Solution (450 nm)	HRP	0412-01	100 mL
TMB Stop Solution (650 nm)	HRP	0413-01	100 mL
TMB Membrane Substrate, Solution	HRP	0304-01	100 mL
ABTS One Component Microwell Substrate, Solution	HRP	0404-01	100 mL
ABTS Substrate, Powder	HRP	0202-01	500 mg
pNPP One Component Microwell Substrate, Solution	AP	0421-01L	1 L
		0421-01	100 mL
pNPP Substrate, Tablet	AP	0201-01	50 x 5 mg
BCIP/NBT Substrate, Solution	AP	0302-01	100 mL
BCIP/NBT One Component Membrane Substrate (Blue), Solution	AP	0430-01	100 mL
BCIP/NBT One Component Membrane Substrate (Purple), Solution	AP	0431-01	100 mL
ONPG Substrate, Powder	$\beta$ -Gal	0203-01	500 mg

## Flow Cytometry, IHC, Purification, and Cell Culture Reagents

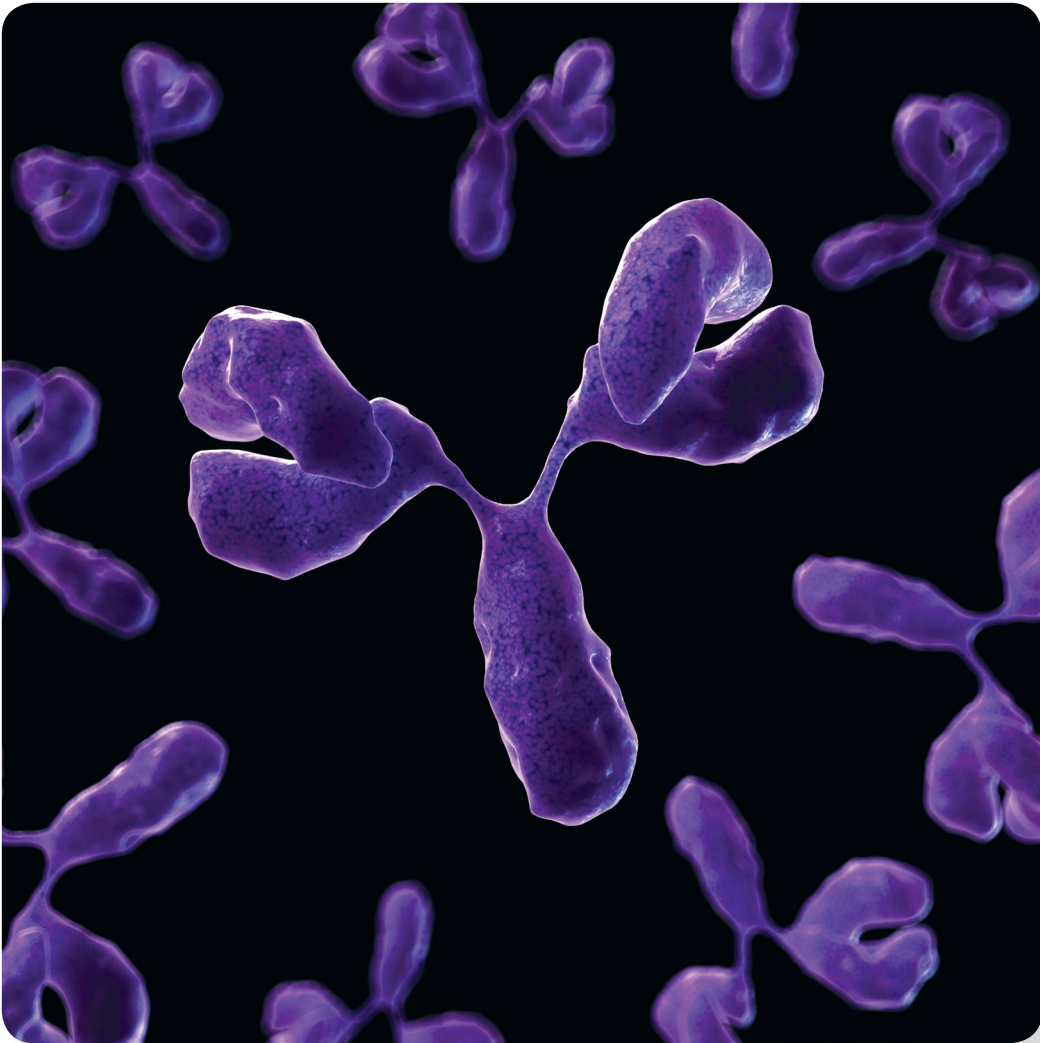
Description	Cat. No.	Size
Cell Staining Buffer	0225-01L	500 mL
	0225-01M	250 mL
	0225-01S	100 mL
Fc Receptor Saturation Reagent	5200-01	50 tests
Fixation & Permeabilization Kit	0215-01	1 kit
Human Foxp3 Fixation/Permeabilization Kit	0240-01	1 kit
Lymphocyte Stimulation Cocktail	0210-01	100 tests
Normal Donkey Serum	0030-01	10 mL
Normal Goat Serum	0060-01	10 mL
Normal Mouse Serum	0050-01	5 mL
Normal Rabbit Serum	0040-01	5 mL
Fluoromount-G®	0100-01	25 mL
DAPI Fluoromount-G®	0100-20	20 mL
Gelatin Subbed Slides	SLD01-BX	72 Slides/ Box
	SLD01-CS	10 Boxes/ Case
Mycoplasma Detection Kit	13100-01	50 Reactions

Description	Cat. No.	Format	Size
Protein A	7300-01L	UNLB	5.0 mg
	7300-01S	UNLB	1.0 mg
	7300-05	HRP	1.0 mL
Protein G	7406-01L	UNLB	5.0 mg
	7406-01S	UNLB	1.0 mg
	7406-05	HRP	1.0 mL

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# Custom Services



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## Peptide Synthesis for Antibody Production

SouthernBiotech provides complete services for production of immunogenic peptides for antibody development. These services include -

Fmoc chemistry available for peptide synthesis

Synthesis of multiple antigenic peptides (MAPs)

Purification of synthesized peptide to achieve a purity of 95% (other levels of purity available upon request)

Evaluation of synthesized peptide by mass spectrometry, amino acid sequence analysis, and HPLC methods to ensure sequence integrity and purity prior to conjugation

Consultation available to select the appropriate chemistry for conjugation of peptide to carrier proteins

Conjugation to carrier protein and purification of peptide/carrier complex by gel filtration chromatography

### Available Services for Peptide Synthesis

### Cat. No.

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Peptide Synthesis (includes mass spectrometry and HPLC analysis)

SBCS-20

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Peptide Purification (95% purity by mass spectrometry)

SBCS-21

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## Polyclonal Antibody Development and Production Services

### Available Services Polyclonal Antibody Development and Production

### Cat. No.

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Conjugation to KLH for Immunization

SBCS-22K

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Conjugation to BSA for Evaluating Antibody Titer

SBCS-22B

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Homogenization of Antigen from Gels or Nitrocellulose Slices

SBCS-19

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ELISA testing of Antiserum

SBCS-60

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### Rabbit Production Services - Standard Ninety (90) Day Protocol

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Exclusive use of animals, housing, maintenance, pre-immune bleed, and Six (6) injections

SBCS-23

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Day Thirty (30) - First Bleed

SBCS-23I

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Day Sixty (60) - Second Bleed

SBCS-23II

---

Day Ninety (90) - Third Bleed - Serum shipped for evaluation

SBCS-23III

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Project Termination

SBCS-23T

Note - All animals will be terminated Ten (10) days after the last scheduled shipment unless we receive written instructions by Day 100 to continue maintaining the animals for a specified period at our per diem rate per rabbit

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Per Diem per Rabbit for Project Extension

SBCS-RC

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Note - It is recommended that multiple animals are used in order to maximize potential of immune response



# Polyclonal Antibody Development and Production Services

<b>Available Services Polyclonal Antibody Development and Production</b>	<b>Cat. No.</b>
<b>Goat/Sheep Production Services - Standard Ninety (90) Day Protocol</b>	
Exclusive use of animals, housing, maintenance, pre-immune bleed, and Six (6) injections	SBCS-24
Day Thirty (30) - First Bleed	SBCS-24I
Day Sixty (60) - Second Bleed	SBCS-24II
Day Ninety (90) - Third Bleed - Serum shipped for evaluation	SBCS-24III
Project Termination	SBCS-24T
Note - All animals will be terminated Ten (10) days after the last scheduled shipment unless we receive written instructions by Day 100 to continue maintaining the animals for a specified period at our per diem rate per goat/sheep	
Per Diem per Goat/Sheep for Project Extension	SBCS-GC
<b>Donkey Production Services - Standard Ninety (90) Day Protocol</b>	
Exclusive use of animals, housing, maintenance, pre-immune bleed, and Six (6) injections	SBCS-25
Day Thirty (30) - First Bleed	SBCS-25I
Day Sixty (60) - Second Bleed	SBCS-25II
Day Ninety (90) - Third Bleed - Serum shipped for evaluation	SBCS-25III
Project Termination	SBCS-25T
Note - All animals will be terminated Ten (10) days after the last scheduled shipment unless we receive written instructions by Day 100 to continue maintaining the animals for a specified period at our per diem rate per donkey	
Per Diem per Donkey for Project Extension	SBCS-DC
<b>Chicken Production Services - Standard Fifty (50) Day Protocol</b>	
Exclusive use of animals, housing, maintenance, pre-immune bleed, egg collection and Four (4) injections	SBCS-26
Day Twenty-Nine (29) through Day Fifty (50) - Egg Collection	SBCS-26E
Project Termination	SBCS-26T
Note - All animals will be terminated Ten (10) days after the last scheduled shipment unless we receive written instructions by Day 60 to continue maintaining the animals for a specified period at our per diem rate per chicken	
Per Diem per Chicken for Project Extension	SBCS-CC

# Hybridoma Development and Monoclonal Antibody Production Services

SouthernBiotech offers a broad range of services for the development and production of monoclonal antibodies. Our Hybridoma Development and Monoclonal Antibody Production Services include - immunization, cell fusion, cloning, characterization, and production of your monoclonal antibody *in vivo* in BALB/c or immunocompromised (e.g., SCID, Nu/Nu, RAG-/-) mice, or *in vitro* in flasks or bioreactors. Additional services include antibody purification and conjugation to fluorochromes and enzymes.

<b>Available Services for Hybridoma Development</b>	<b>Cat. No.</b>
Pre-Immunization Antigen Processing and Modification	
Homogenization of Antigen in Gels or Nitrocellulose Slices	SBCS-19
Conjugation to KLH for Immunization	SBCS-22K
Conjugation to BSA for Screening	SBCS-22B
Dialysis into Physiological Buffer	SBCS-22D
Phase I - Immunization and Evaluation of Antibody Titer	SBCS-30I
Immunization of Three (3) BALB/c mice with your supplied and purified antigen. Includes Four (4) immunizations per our standard protocol and daily care. Test bleeds and ELISA data will be provided for your evaluation and decision to continue development.	
Phase II - Fusion, Plating, and Screening	SBCS-30II
Splenocytes of one of the mice are fused with a selected myeloma cell line. All specific antibody producing colonies are selected by ELISA for expansion. Supernatant from Five (5) of the best hybridoma-containing wells will be shipped to you for screening. Cryopreservation of up to Five (5) positive clones.	
Phase III - Cloning, Expansion, and Cryopreservation	SBCS-30III
Subcloning of one positive clone to monoclonality by two rounds of limiting dilution. ELISA screening to detect positive antibody-secreting subclones. Cryopreservation of Ten (10) vials of the hybridoma cell line and isotyping of one monoclonal antibody.	
Phase IV - Amplification	SBCS-30IV
Production and shipment of monoclonal antibody supernatant from one selected clone	

<b>Available Services for Monoclonal Production</b>	<b>Cat. No.</b>
Subcloning, Expansion, and Screening of Clones	SBCS-30S
Cryopreservation - Up to Twenty (20) Clones per Month	SBCS-30C
Mycoplasma Testing	SBCS-29
Ascites Production in Ten (10) BALB/c Mice	SBCS-31
Ascites Production in Twenty (20) BALB/c Mice	SBCS-32
Ascites Production in Fifty (50) BALB/c Mice	SBCS-33
Ascites Production in One-Hundred (100) BALB/c Mice	SBCS-34
Ascites Production in Ten (10) Immunocompromised Mice	SBCS-35
Ascites Production in Twenty (20) Immunocompromised Mice	SBCS-36
Ascites Production in Fifty (50) Immunocompromised Mice	SBCS-37
Ascites Production in One-Hundred (100) Immunocompromised Mice	SBCS-38
<i>In vitro</i> Production in Cell Culture Flask - Fifty (50) to One-Hundred (100) mL	SBCS-91
<i>In vitro</i> Production in Cell Culture Flask - Thirty (30) mL	SBCS-92
<i>In vitro</i> Production in Bioreactor	SBCS-90

Note - Before initiating an antibody development project, the customer must provide SouthernBiotech with a signed assurance that any customer-supplied material/antigen is mycoplasma-free, non-infectious, non-carcinogenic, and has no known safety concerns to animals or humans.

## Purification and Characterization/Testing Services

SouthernBiotech uses a variety of methods for purification of antibody from serum, ascites, and culture supernatants including  $(\text{NH}_4)_2\text{SO}_4$  salt precipitation, ion exchange and size exclusion chromatography, Protein A and Protein G affinity chromatography, and custom affinity chromatography. The method employed is dictated by the species, the source material, and the level of immunoglobulin purity required. The amount of supernatant or serum required per column depends on the concentration and total milligrams of the solution.

<b>Available Services for Protein Purification</b>	<b>Cat. No.</b>
Affinity Purification Antibodies of extremely high purity and specificity can be obtained using custom affinity chromatography. A minimum of 10 mg of pure antigen (or purified peptide) is needed to perform this procedure.	SBCS-45
Ammonium Sulfate Precipitation Ammonium sulfate is widely used in isolating both IgM and IgG from a variety of species. A gel filtration and/or an ion exchange step can be employed to further purify the immunoglobulin of interest.	SBCS-40
Ion Exchange Chromatography This method is useful as an adjunct to ammonium sulfate precipitation for purifying antibodies from ascites fluid or where Protein A and Protein G elution conditions may damage the antibody. It can also be used for removing trace quantities of DNA contaminants.	SBCS-41
Protein A Purification High yields of pure IgG can be obtained in a single-step purification using Protein A affinity chromatography, which differ in their ability to bind antibodies of different origins and IgG subclasses.	SBCS-43
Protein G Purification High yields of pure IgG can be obtained in a single-step purification using Protein G affinity chromatography, which differ in their ability to bind antibodies of different origins and IgG subclasses.	SBCS-44
Size Exclusion/Gel Filtration Chromatography A single gel matrix or a sequence of size exclusion columns can be used for purification of IgM and IgG antibodies. The purification strategy employed is dependent on the immunoglobulin class and the source of the material.	SBCS-42
Low Endotoxin Purification Purification under aseptic conditions to generate clean, low-endotoxin antibody preparations.	SBCS-48
Purification of IgY from Chicken Egg Yolks	SBCS-47

SouthernBiotech employs several techniques to evaluate the quantity, quality, and function of purified antibodies, including - enzyme linked immunosorbent assay (ELISA), flow cytometry, immunoblotting, SDS-polyacrylamide gel electrophoresis (SDS-PAGE) and Limulus Amoebocyte Lysate (LAL) assay.

<b>Available Services for Protein Characterization/Testing</b>	<b>Cat. No.</b>
ELISA Testing for Antigen-Specific Activity	SBCS-60
ELISA Testing for Isotype Determination	SBCS-61
Endotoxin Testing by LAL Assay	SBCS-64
Flow Cytometry Analysis	SBCS-65
HPLC	SBCS-66
Immunoblotting	SBCS-63
SDS-PAGE Analysis	SBCS-62
Biotin Quantitation by HABA/Avidin	SBCS-67

## Antibody Fragmentation Services

Antibody fragmentation services for 5 - 20 mg of antibody includes dialysis, digestion, concentration, and purification of the fragments.

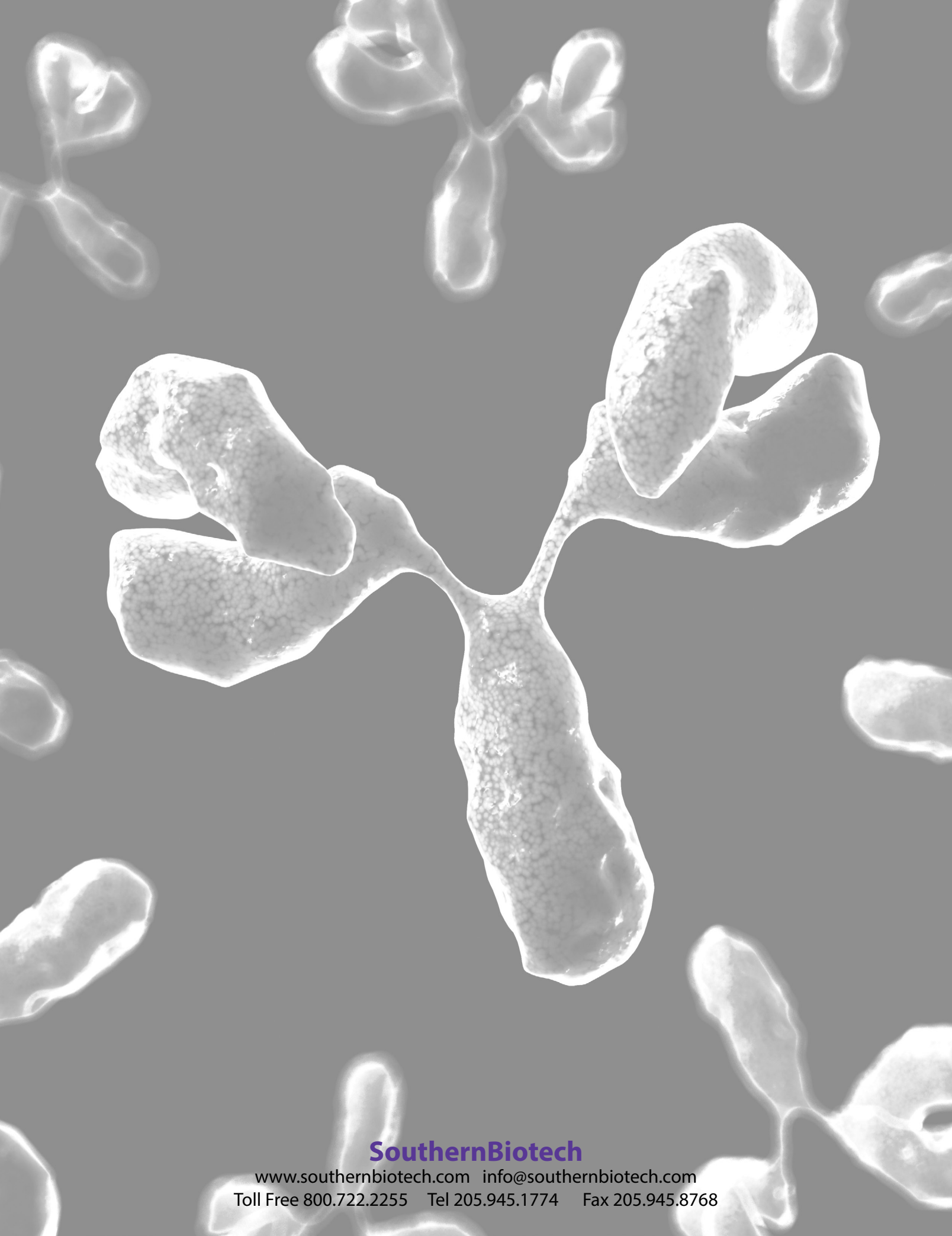
Available Services for Antibody Fragmentation	Typical Yield	Cat. No.
Fc Fragmentation	15 - 20%	SBCS-71
Fab Fragmentation	15 - 20%	SBCS-72
F(ab') <sub>2</sub> Fragmentation	30 - 40%	SBCS-73

## Antibody Conjugation Services

Available Services for Antibody Conjugation	Cat. No.
Alexa Fluor® 488 (AF488) 2 - 10 mg	SBCS-88
Alexa Fluor® 555 (AF555) 2 - 10 mg	SBCS-99
Alexa Fluor® 647 (AF647) 2 - 10 mg	SBCS-89
Alexa Fluor® 700 (AF700) 2 - 10 mg	SBCS-98
Alkaline Phosphatase (AP) 2 - 10 mg	SBCS-57
Allophycocyanin (APC) 2 - 10 mg	SBCS-55
Allophycocyanin/Cyanine 5.5 (APC/CY5.5) 2 - 10 mg	SBCS-77
Allophycocyanin/Cyanine 7 (APC/CY7) 2 - 10 mg	SBCS-78
β-galactosidase (BGAL) 2 - 20 mg	SBCS-49
Biotin (BIOT) 2 - 20 mg	SBCS-59
Cyanine 3 (CY3) 2 - 10 mg	SBCS-54A
Cyanine 5 (CY5) 2 - 10 mg	SBCS-54B
Fluorescein Isothiocyanate (FITC) 2 - 20 mg	SBCS-50
Horseradish peroxidase (HRP) 2 - 20 mg	SBCS-58
Pacific Blue™ (PACBLU) 2 - 10 mg	SBCS-97
R-Phycoerythrin (PE) 2 - 10 mg	SBCS-53
R-Phycoerythrin/Cyanine 5.5 (PE/CY5.5) 2 - 10 mg	SBCS-75
R-Phycoerythrin/Cyanine 7 (PE/CY7) 2 - 10 mg	SBCS-76
R-Phycoerythrin/Texas Red® (PE/TXRD) 2 - 10 mg	SBCS-74
Sepharose® (SEPH) 2 - 10 mg	SBCS-69
Spectral Red® (SPRD) 2 - 10 mg	SBCS-56
Tetramethylrhodamine Isothiocyanate (TRITC) 2 -20 mg	SBCS-51
Texas Red® (TXRD) 2 - 20 mg	SBCS-52

Note - Antibodies should be supplied at a minimum concentration of 5 mg/mL in neutral buffer without preservatives or protease inhibitors. Other custom conjugates available upon request. Conjugated antibodies can be tested in an appropriate immunoassay upon customer request.

To initiate a Custom Contract Service Project contact our Technical Services Department at 205.945.1774 or [technical@southernbiotech.com](mailto:technical@southernbiotech.com). A project manager will be assigned and report to you regularly on an agreed schedule. Discounts and third party arrangements are not accepted in conjunction with SouthernBiotech Custom Services.



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**SouthernBiotech is ISO 9001:2008 Certified**

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