

Gold & Platinum

Purified *In vivo* Grade Bulk Antibodies

Leinco Technologies has developed methods for manufacturing high purity monoclonal antibodies for *in vivo* functional studies in animal models. Our Platinum grade products have been manufactured using a validated method resulting in low endotoxin, pathogen-free functional monoclonal antibodies.

Platinum grade antibodies are considered pathogen free based upon the PCR IMPACT I test generated by IDEXX Laboratories. Our proprietary techniques ensure that your monoclonal antibodies are suitable for functional studies. Both our Gold and Platinum grade monoclonal antibodies may be custom manufactured for your specific needs.

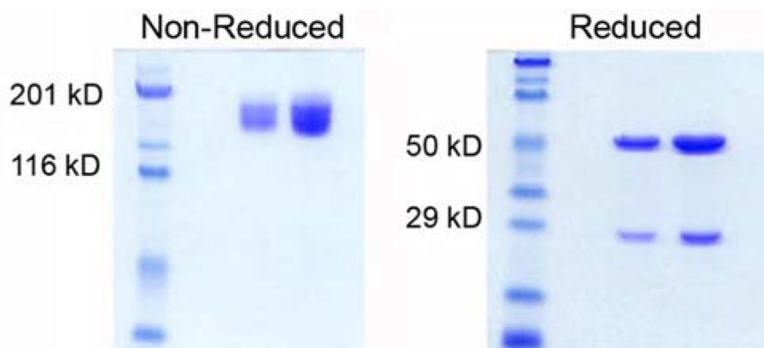


- Endotoxin level is ≤ 1.0 EU/mg
- For highly sensitive assays or where large amounts of antibody are needed.
- Over 75 antibodies including isotype controls available in 0.5 mg and 1 mg sizes. (See list on back.)
- Bulk sizes available

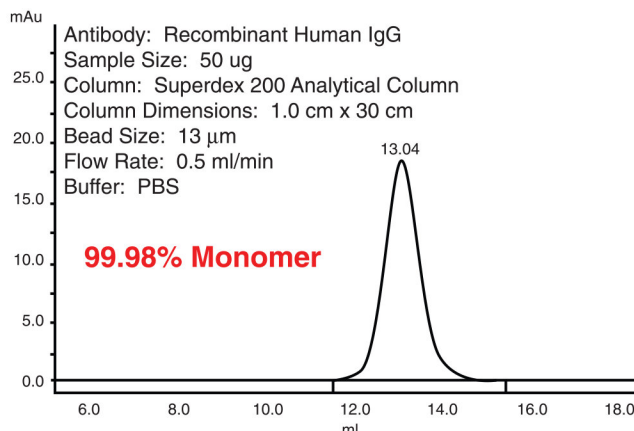


- Flow cytometry quality testing
- Ultra low endotoxin, ≤ 0.48 EU/mg
- Low aggregation $\leq 1\%$
- Pathogen tested (IMPACT I)
- Protein A leaching controlled
- Bulk sizes (5 mg, 25 mg, 50 mg, 100 mg, 500 mg, 1 g +)
- Custom concentrations available
- Custom packaging upon request

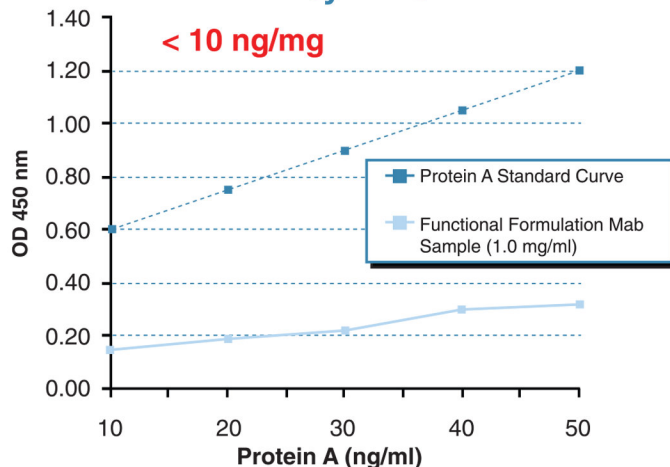
Antibody Purity by SDS-PAGE



Percent Aggregates Using Analytical Size Exclusion Chromatography



Determination of Leached Protein A by ELISA



Gold & Platinum Purified Bulk *In vivo* Grade Antibodies

Human Specificities

CD2	CD40	CD51/CD61 (Integrin α V β 3)
CD3	CD41 (gb/IIb/IIIa)	CD62E (E-Selectin)
CD4	CD44 (Pgp-1)	CD62L (L-Selectin)
CD5	CD44 (Pgp-1, Ly-24, H-CAM)	CD71 (Transferrin Receptor)
CD8	CD45	CD325 (N-Cadherin)
CD10 (CALLA)	CD45R (B220) (Pan B-Cell)	IL-5
CD11a (LFA-1 α Subunit Integrin α M β 2)	CD45RO	Integrin β 7
CD11b (Mac-1 Integrin α M β 2)	CD47	HLA-A,B,C
CD11c (gp 150/95)	CD54 (ICAM-1)	HLA-DP
CD15 (Granulocytes)	CD56 (NCAM)	HLA-DQ
CD19 (Pan B-Cells)	CD57/HNK-1 (Natural Killer Cells)	HLA-DR
CD20	CDw60	
CD22	CD61 (Integrin β 3)	

Mouse Specificities

CD3 ϵ	CD90 (Thy 1, non-polymorphic)	IL-6
CD3 ϵ	CD90 (Thy 1.2)	Integrin α 4 β 7 (LPAM-1)
CD4	CD103	Jag2
CD8a (Ly 2) (All Alleles)	CD115 (CSF-1R)	KLRG-1
CD11a (LFA-1 α)	CD122 (IL-2R β)	Ly-6C (Activating)
CD11a (LFA-1 α)	CD127 (IL-7R α)	Ly-6C (Non-Activating)
CD11b (Mac-1 α m chain)	CD154 (CD40L)	Ly-6G
CD19	CD223 (Lag-3)	MAdCAM-1
CD22	CD252 (OX40L)	Notch-1
CD24 (Heat Stable Antigen, Nectadrin)	CD254 (RANKL)	Notch-4
CD25 (IL-2 R α)	CD262 (TRAIL R2)	NK1.1 (NK Cells)
CD28	CD272 (BTLA)	Pre B-Cells
CD32/CD16 (Fc γ II/III Receptor) Fc Block	CD273 (B7-DC)	Sca-1 (Ly-6A/E, Stem Cells)
CD44 (Pgp-1, LY-24, H-CAM)	CD275 (B7-H2)	TER-119 (Erythroid Cells)
CD45 (LCA) (Leukocyte Common Antigen)	CD278 (ICOS)	ThB Purified
CD45R (B220) (Pan B-Cell)	CD279 (PD-1)	I H-2Kb
CD45RB	PD-L1	β (TCR)
CD48	Dendritic Cells	γ/δ (TCR)
CD62L	Granulocytes (Ly-6G, Ly-6C, Gr-1, Myeloid)	V β 4 (TCR)
CD70	ICAM-1	V β 8 (TCR)
CD71 (Transferrin Receptor)	Interferon α/β Receptor (IFNAR1/CD118)	V γ 2 (TCR)
CD73	IFN- γ	V γ 3 (TCR)
CD80 (B7-1)	IL-10	
CD86 (B7-2)	IL-2	
CD90 (Thy 1) (Activating)	IL-4	

Rat Specificities

Asialo-GM1	CD61	IL-1 β
CD3	CD81	MCP-1
CD8a	CD126 (IL-6R α chain)	MR1
CD29	CD178 (FasL)	TNF- α
CD49e	IFN- γ	

Isotype Controls

Mouse IgG1, κ	Mouse IgM, κ	Rat IgG2b, κ
Mouse IgG2a, κ	Rat IgG1, κ	Rat IgG2c, κ
Mouse IgG2b, κ	Rat IgG2a, κ	Armenian Hamster IgG
Mouse IgG3, κ		



**Leinco
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