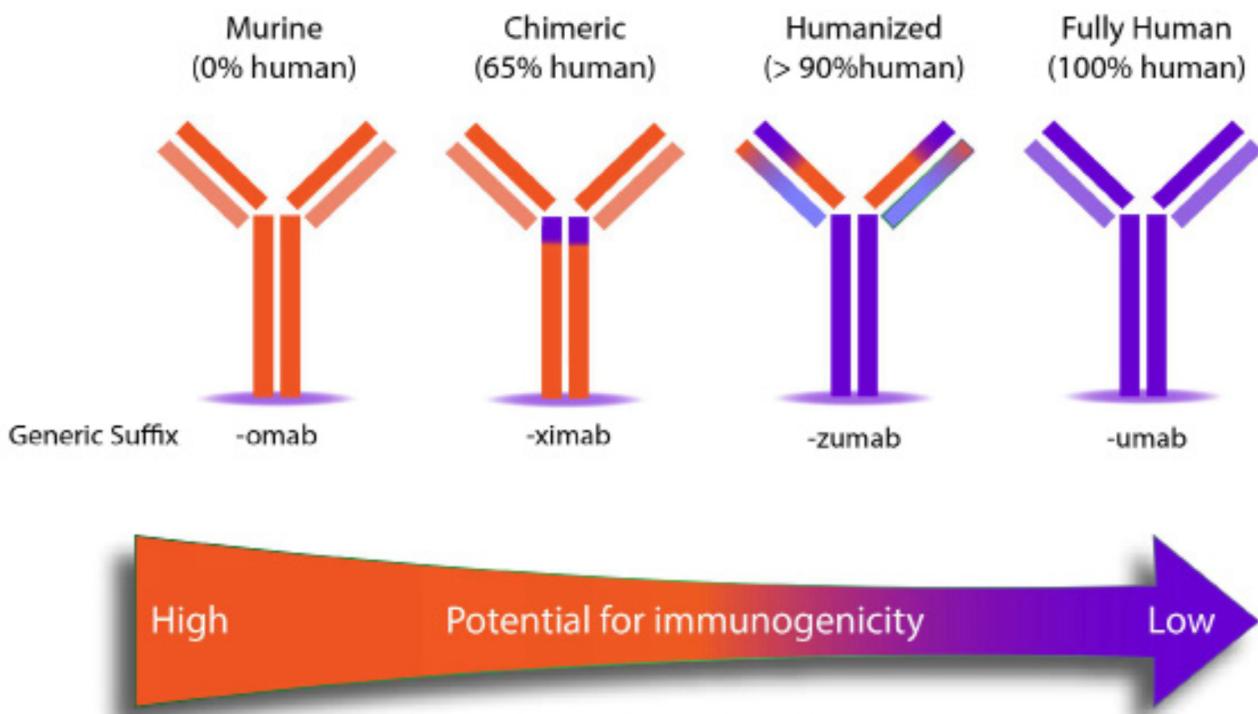


# Biosimilar Monoclonal Antibodies



Human IgG based monoclonal antibodies (mAbs) are the fastest-growing category of therapeutics for cancer therapy. Several mechanisms of tumor cell killing by antibodies (mAbs) can be summarized as: direct action through receptor blockade or induction of apoptosis; immune-mediated cell killing by complement-dependent cytotoxicity (CDC), antibody-dependent cellular cytotoxicity (ADCC) or regulation of T cell function. Several monoclonal antibodies have received FDA approval for the treatment of a variety of solid tumors and hematological malignancies. BioVision is pleased to offer research grade biosimilars in human IgG format for your research needs. Our monoclonal antibodies are manufactured using recombinant technology with variable regions from the therapeutic antibody to achieve similar safety and efficacy. These antibodies can be used as controls for preclinical lead identification and potency assays for the development of novel therapeutics.

Antibody Name	Cat. No.	Igotype	Size
Anti-alpha 5 beta 1 Integrin (Volociximab), Human IgG4 Ab	A1092	IgG4	200 µg
Anti- $\alpha 4\beta 7$ Integrin (Vedolizumab), Humanized Ab	A2140	IgG1,	100 µg
Anti-ANGPTL3 (Evinacumab), Human IgG4 Ab	A2171	IgG4, kappa	100 µg
Anti-Beta-galactosidase, Human IgG1 Ab	A1104	IgG1	200 µg
Anti-C1S (Sutimlimab), Humanized Ab	A2205	IgG4, kappa	100 µg
Anti-C5 (Eculizumab), Humanized Ab	A2138	IgG2/4	100 µg
Anti-CALCA/CALCB (Eptinezumab), Humanized Ab	A2217	IgG1, kappa	100 µg
Anti-Carcinoembryonic antigen (Arcitumomab), Human IgG1 Ab	A1096	IgG1	200 µg
Anti-CCR4 (Mogamulizumab), Human IgG1, kappa Ab	A2005	IgG1	200 µg
Anti-CCR5 (Leronlimab), Humanized Ab	A2181	IgG4, kappa	100 µg

Antibody Name	Cat. No.	Isotype	Size
Anti-CD3 epsilon (Muromonab), Mouse IgG2a, kappa Ab	A2008	IgG2a	200 µg
Anti-CD4 (Campath-9H), Rabbit IgG, kappa Ab	A2012	IgG	200 µg
Anti-CD4 (Clenoliximab), Human IgG4 Ab	A1091	IgG4	200 µg
Anti-CD4 (Ibalizumab), Humanized Ab	A2251	IgG4, kappa	100 µg
Anti-CD6 (Itolizumab), Humanized Ab	A2164	IgG1	100 µg
Anti-CD11a (Efalizumab), Human IgG1 Ab	A1089	IgG1	200 µg
Anti-CD19 (Inebilizumab), Humanized Ab	A2173	IgG1, kappa	100 µg
Anti-CD19/CD3ε (Blinatumomab), Bispecific Ab	A2225	(scFv-kappa-heavy)-(scFv-heavy-kappa)	100 µg
Anti-CD20 (Ibritumomab), Humanized Ab	A2291	IgG2A	50 µg, 100 µg
Anti-CD20 (Obinutuzumab), Humanized Ab	A2180	IgG1, kappa	100 µg
Anti-CD20 (Ofatumumab), Human IgG1 Ab	A2172	IgG1, kappa	100 µg
Anti-CD20 (Rituximab), Chimeric Ab	A1049	IgG1	100 µg
Anti-CD22 (Epratuzumab), Human IgG1 Ab	A1445	IgG1	200 µg
Anti-CD22 (Inotuzumab), Humanized Ab	A2179	IgG4, kappa	100 µg
Anti-CD30 (Brentuximab), Chimeric Ab	A2177	IgG1, kappa	100 µg
Anti-CD33 (Gemtuzumab), Human IgG4 Ab	A1443	IgG4	200 µg
Anti-CD38 (Daratumumab), Human IgG1 Ab	A2151	IgG1	100 µg
Anti-CD38 (Isatuximab) Humanized Ab	A2319	IgG1-kappa	50 µg, 100 µg
Anti-CD4 (Clenoliximab), Chimeric Ab	A2346	IgG4-lambda	50 µg, 100 µg
Anti-CD40L (Ruplizumab), Human IgG1 Ab	A1094	IgG1	200 µg
Anti-CD41 (Abciximab), Rabbit IgG, kappa Ab	A2006	IgG	200 µg
Anti-CD52 (Campath-1H), Human IgG1 Ab	A1105	IgG1	200 µg
Anti-CD79B (Polatuzumab), Humanized Ab	A2178	IgG1, kappa	100 µg
Anti-CD80 (Galiximab), Human IgG1, lambda Ab	A2011	IgG1	200 µg
Anti-CTGF (Pamrevlumab), Human IgG1 Ab	A2207	IgG1, kappa	100 µg
Anti-CTLA-4 (Ipilimumab), Humanized Ab	A2110	IgG1	100 µg
Anti-CTLA-4 (Tremelimumab), Human IgG2 Ab	A2163	IgG2	100 µg
Anti-Dabigratan (Idarucizumab), Humanized Ab	A2169	Fab - G1 - kappa	100 µg
Anti-Dengue Virus Envelope Protein E, Humanized Ab	A2293	IgG1	50 µg, 100 µg
Ebola GP1 Surface Protein Humanized Ab (Ansuvimab)	A2298	IgG1	50 µg, 100 µg
Anti-EGFR (Cetuximab), Chimeric Ab	A1047	IgG1	100 µg
Anti-EGFR (Matuzumab), Human IgG1 Ab	A1090	IgG1	200 µg
Anti-EGFR (Panitumumab), humanized Ab	A1050	IgG1	100 µg
Anti-EGFR domain III (Nimotuzumab), Human IgG1, kappa Ab	A2004	IgG1	200 µg
Anti-F9/F10 (Emicizumab), Humanized Ab	A2250	IgG4, kappa	100 µg
Anti-Flavivirus group antigen, Human IgG1 Ab	A1102	Human IgG1, kappa	200 µg
Anti-FOLR1 (Mirvetuximab), Humanized Ab	A2271	IgG1, kappa	100 µg
Anti-GD2 (Naxitamab), Humanized Ab	A2273	IgG1, kappa	100 µg
Anti-HER2 (Margetuximab), Chimeric Ab	A2284	IgG1, kappa	100 µg, 50 µg
Anti-HER2 (Pertuzumab), Humanized Ab	A2111	IgG1	100 µg
Anti-HER2 (Trastuzumab), humanized Ab	A1046	IgG1	100 µg

Antibody Name	Cat. No.	Isotype	Size
Anti-Human Ephrin Type A receptor 2 (1C1), Human IgG1 Ab	A1095	IgG1	200 µg
Human IgG1, κ Isotype Control Ab	A1100	Human IgG1, kappa	200 µg
Human IgG4, κ Isotype Control Ab	A1101	IgG4,	200 µg
Anti-IFN-γ(Emapalumab), Human IgG1 Ab	A2270	IgG1, lambda	100 µg
Anti-IgE (Omalizumab), Humanized Ab	A2145	IgG1	100 µg
Anti-IGF-1R(Teprotumumab), Human IgG1 Ab	A2160	IgG1	100 µg
Anti-IL-1β (Canakinumab), Human IgG1 Ab	A2144	IgG1	100 µg
Anti-IL-2Ralpha (Basiliximab), Human IgG1 Ab	A1098	IgG1	200 µg
Anti-IL-2Ralpha (Daclizumab), Human IgG1 Ab	A1099	IgG1	200 µg
Anti-IL-4Rα(Dupilumab), Human IgG4 Ab	A2148	IgG4	100 µg
Anti-IL5 (Mepolizumab), Humanized Ab	A2158	IgG1	100 µg
Anti-IL-5(Reslizumab), Humanized Ab	A2167	IgG4	100 µg
Anti-IL-5Rα(Benralizumab), Humanized Ab	A2162	IgG1	100 µg
Anti-IL-6(Siltuximab), Chimeric Ab	A2143	IgG1, kappa	100 µg
Anti-IL-6receptor (Tocilizumab), Human IgG1 Ab	A1447	IgG1	200 µg
Anti-IL-6Rα(Sarilumab), Human IgG1 Ab	A2133	IgG1	100 µg
Anti-IL-12β(Ustekinumab), Human IgG1 Ab	A2137	IgG1	100 µg
Anti-IL-17α(Ixekizumab), Humanized Ab	A2149	IgG4	100 µg
Anti-IL-17α(Netakimab), Human IgG1 Ab	A2206	IgG1, kappa	100 µg
Anti-IL-17α(Secukinumab), Human IgG1 Ab	A2154	IgG1	100 µg
Anti-IL-17Rα(Brodalumab), Human IgG2 Ab	A2155	IgG2	100 µg
Anti-IL-23α(Guselkumab), Human IgG1 Ab	A2147	IgG1	100 µg
Anti-IL23α(Mirikizumab), Humanized Ab	A2174	IgG4, kappa	100 µg
Anti-IL23α(Risankizumab), Humanized Ab	A2204	IgG1, kappa	100 µg
Anti-IL-23α(Tildrakizumab), Humanized Ab	A2159	IgG1	100 µg
Anti-Integrin alpha 4 (Natalizumab), Human IgG4 Ab	A1444	IgG4	200 µg
Anti-LGR4, Humanized Ab	A2296	Humanized IgG1	50 µg, 100 µg
Anti-MSLN(Anetumab), Human IgG1 Ab	A2272	IgG1, lambda	100 µg
Anti-Nectin-4(Enfortumab), Human IgG1 Ab	A2176	IgG1, kappa	100 µg
Anti-NS1 of Dengue Virus, Humanized Ab	A2297	IgG1	50 µg, 100 µg
Anti-OX40L (Oxelumab), Human IgG1 Ab	A1088	IgG1	200 µg
Anti-PCSK9 (Alirocumab), Human IgG1 Ab	A2153	IgG1	100 µg
Anti-PCSK9 (Evolocumab), Human IgG2 Ab	A2168	IgG2, lambda	100 µg
Anti-PD-1(Camrelizumab), Humanized Ab	A2132	IgG4	100 µg
Anti-PD-1(Cemiplimab), Human IgG4 Ab	A2249	IgG4, kappa	100 µg
Anti-PD-1(Nivolumab), Humanized Ab	A1307	IgG4	100 µg
Anti-PD-1(Pembrolizumab), Humanized Ab	A1306	IgG4	100 µg
Anti-PD-1(Sintilimab), Human IgG4 Ab	A2156	IgG4	100 µg
Anti-PD-1(Spartalizumab), Humanized Ab	A2131	IgG4	100 µg
Anti-PD-1(Toripalimab), Humanized Ab	A2161	IgG4	100 µg
Anti-PD-L1(Atezolizumab), Humanized Ab	A1305	IgG1	100 µg
Anti-PD-L1(Avelumab), Human IgG1 Ab	A2152	IgG1	100 µg
Anti-PD-L1(Durvalumab), Human IgG1 Ab	A2109	IgG1	100 µg

Antibody Name	Cat. No.	Isotype	Size
Anti-PD-L1 Humanized Biotinylated Ab	A2209	IgG1, kappa	100 µl
Anti-RSV(Felvizumab), Human IgG1 Ab	A1446	IgG1	200 µg
Anti-RSV(Palivizumab), Humanized Ab	A2166	IgG1-kappa	100 µg
Anti-SARS-CoV-2 RBD-02 Humanized Ab	A2354	Humanized IgG1	50 µg, 100 µg
Anti-SELP (Crizanlizumab), Humanized Ab	A2248	IgG2, kappa	100 µg
Anti-SLAMF7(Elotuzumab), Humanized Ab	A2218	IgG1, kappa	100 µg
Anti-SOST (Ramosozumab), Humanized Ab	A2219	IgG2, kappa	100 µg
Anti-TAG 72 (Satumomab), Mouse IgG1, kappa Ab	A2017	IgG1	200 µg
Anti-TNF- $\alpha$ (Adalimumab), humanized Ab	A1048	IgG1	100 µg
Anti-TNF- $\alpha$ (Cetolizumab Pegol), Humanized Ab	A2142	Fab'-G1-kappa	100 µg
Anti-TNF- $\alpha$ (Golimumab), Human IgG1 Ab	A2141	IgG1	100 µg
Anti-TNFalpha (Humicade), Human IgG4 Ab	A1093	IgG4	200 µg
Anti-TNFalpha (Infliximab), Human IgG1 Ab	A1097	IgG1	200 µg
Anti-TNFRSF17(Belantamab), Humanized Ab	A2252	IgG1, kappa	100 µg
Anti-TNFSF11(Denosumab), Human IgG2 Ab	A2150	IgG2	100 µg
Anti-TNF- $\alpha$ (Humicade) Biotinylated Ab	A2182	IgG4, kappa	50 µg
Anti-TNSF13B(Belimumab), Human IgG1 Ab	A2170	IgG1, lambda	100 µg
Anti-Toxin B (Bezlotoxumab), Human IgG1 Ab	A2220	IgG1, kappa	100 µg
Anti-TROP2(Sacituzumab), Humanized Ab	A2175	IgG1, kappa	100 µg
Anti-V5 epitope tag, Human IgG1 Ab	A1103	IgG1	200 µg
Anti-VEGF(Bevacizumab), humanized Ab	A1045	IgG1	100 µg
Anti-VEGF-A(Brolucizumab), Humanized Ab	A2221	scFv-kappa-heavy	100 µg
Anti-VEGF-A Humanized Ab	A2136	IgG1	100 µg
Anti-VEGFR2(Ramucirumab), Human IgG1 Ab	A2139	IgG1	100 µg
Anti-VWF(Caplacizumab), Humanized Ab	A2263	VH-VH	100 µg
Anti-Zika Virus Envelope Protein, Humanized Ab	A2294	Humanized	50 µg, 100 µg

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