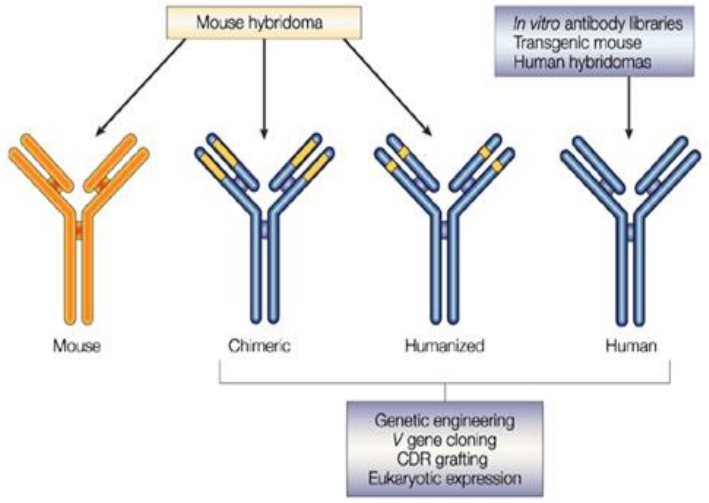
Human IgG Monoclonal Antibodies

Human IgG1 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. Immunogenic responses to murine-derived antibody therapeutics can impact both safety and efficacy of these drugs.



Generation of chimeric and humanized antibodies

(Brekke & Sandlie, 2003, Nature Reviews Drug Discovery)

Chimeric antibodies engineered by fusing mouse-derived variable (V) regions to human constant (C) regions and Humanized antibodies generated by grafting the mouse complementarity-determining regions (CDRs) into the human V-framework regions and expressed with human C regions, have in fact significantly reduced immunogenicity of this class of therapeutics.

BioVision is pleased to offer several FDA approved research grade monoclonal antibody drugs in human IgG format, for your research needs. Our humanized and chimeric antibodies can be used for different applications: Neutralization, Western blots and Flow Cytometry.

Cat. No.	Product name	Isotype	Size
A1045-100	Anti-VEGF (Bevacizumab), humanized Antibody	Human IgG1	100 µg
A1046-100	Anti-HER2 (Trastuzumab), humanized Antibody	Human IgG1	100 µg
A1047-100	Anti-EGFR (Cetuximab), Chimeric Antibody	Human IgG1	100 µg
A1048-100	Anti-TNF-α (Adalimumab), humanized Antibody	Human IgG1	100 µg
A1049-100	Anti-CD20 (Rituximab), Chimeric Antibody	Human IgG1	100 µg
A1050-100	Anti-EGFR (Panitumumab), humanized antibody	Human IgG1	100 µg
A1088-100	Anti-OX40L (Oxelumab), Human IgG1 Antibody	Human IgG1	100 µg
A1089-100	Anti-CD11a (Efalizumab), Human IgG1 Antibody	Human IgG1	100 µg
A1090-100	Anti-EGFR (Matuzumab), Human IgG1 Antibody	Human IgG1	100 µg
A1091-100	Anti-CD4 (Clenoliximab), Human IgG4 Antibody	Human IgG4	100 µg
A1092-100	Anti-alpha 5 beta 1 Integrin (Volociximab), Human IgG4 Antibody	Human IgG4	100 µg
A1093-100	Anti-TNF alpha (Humicade), Human IgG4 Antibody	Human IgG4	100 µg
A1094-100	Anti-CD40L (Ruplizumab), Human IgG1 Antibody	Human IgG1	100 µg
A1095-100	Anti-Human Ephrin Type A receptor 2 (1C1), Human IgG1 Antibody	Human IgG1	100 µg
A1096-100	Anti-Carcinoembryonic antigen (Arcitumomab), Human IgG1 Antibody	Human IgG1	100 µg
A1097-100	Anti-TNF alpha (Infliximab), Human IgG1 Antibody	Human IgG1	100 µg
A1098-100	Anti-IL-2R alpha (CD25) (Basiliximab), Human IgG1 Antibody	Human IgG1	100 µg
A1099-100	Anti-IL-2R alpha (Daclizumab), Human IgG1 Antibody	Human IgG1	100 µg
A1100-100	Human IgG1, κ Isotype Control Antibody	Human IgG1	100 µg
A1101-100	Human IgG4, κ Isotype Control Antibody	Human IgG4	100 µg

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