

IGF1R/CD221 recombinant antibody

Anti-IGF1R/CD221 Reference Antibody (teprotumumab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296894	CHO Cell	Human, Cynomolgus	Functional Assay, Flow Cytometry, Functional Assay, ELISA

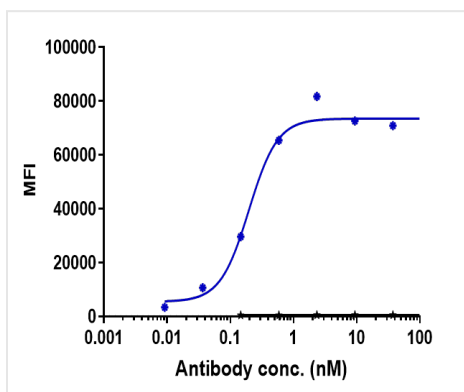
PRODUCT SYNONYMS

IGF1R/CD221; Monoclonal Recombinant Antibody; Anti-IGF1R/CD221 Reference Antibody (teprotumumab); IGF1R/CD221 recombinant antibody

PRODUCT SPECIFICATIONS

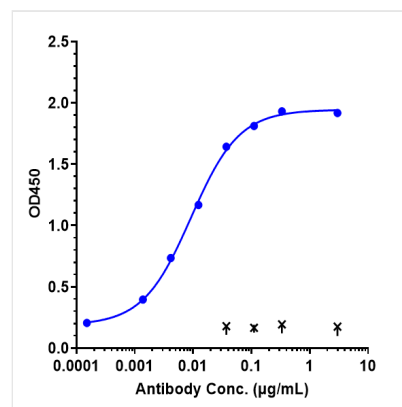
Host	CHO Cell
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	IgG1
Specificity	IGF1R/CD221
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for IGF1R/CD221 recombinant antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



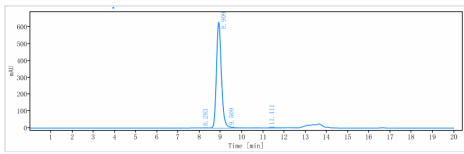
FCM/FACS (Flow Cytometry)

Human IGF1R CHO-K1 cells were stained with Anti-IGF1R / CD221 Reference Antibody (teprotumumab) and negative control protein respectively, washed and then followed by APC and analyzed with FACS, EC251=0.1968 nM



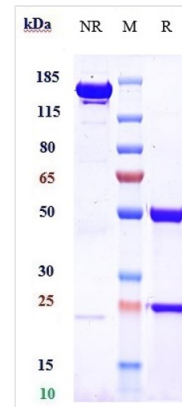
Application Data

Immobilized human IGF1R His at 2 ug/mL can bind Anti-IGF1R / CD221 Reference Antibody (teprotumumab), EC50=0.009199ug/mL



Application Data

The purity of Anti-IGF1R / CD221 Reference Antibody (teprotumumab) is more than 96.97%, determined by SEC-HPLC.



SDS-PAGE

Anti-IGF1R / CD221 Reference Antibody (teprotumumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for
IGF1R/CD221 recombinant antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557665
NCBI GeneID	3480
NCBI Accession #	NP_000866.1
NCBI GenBank Nucleotide #	NM_000875.3
UniProt Accession #	P08069; Q14CV2; Q9UCC0; B1B5Y2
Molecular Weight	154,793 Da
NCBI Official Full Name	insulin-like growth factor 1 receptor
NCBI Official Synonym Full Names	insulin-like growth factor 1 receptor
NCBI Official Symbol	IGF1R
NCBI Official Synonym Symbols	IGFR; CD221; IGFI; JTK13
NCBI Protein Information	insulin-like growth factor 1 receptor; IGF-I receptor; soluble IGF1R variant 1; soluble IGF1R variant 2; insulin-like growth factor I receptor
UniProt Protein Name	Insulin-like growth factor 1 receptor
UniProt Gene Name	IGF1R
UniProt Synonym Gene Names	IGF-I receptor
UniProt Entry Name	IGF1R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/igf1r-cd221-recombinant-antibody-functional-assay-flow-cytometry-elisa/296894>