

ERBB1/EGFR/HER1 recombinant antibody

Anti-ERBB1/EGFR/HER1 Reference Antibody (necitumumab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296743	CHO Cell	Human, Mouse, Cynomolgus	Functional Assay, Flow Cytometry, Functional Assay, ELISA

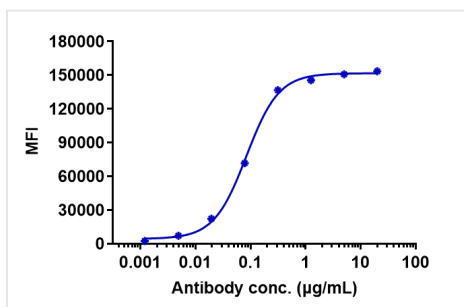
PRODUCT SYNONYMS

ERBB1/EGFR/HER1; Monoclonal Recombinant Antibody; Anti-ERBB1/EGFR/HER1 Reference Antibody (necitumumab); ERBB1/EGFR/HER1 recombinant antibody

PRODUCT SPECIFICATIONS

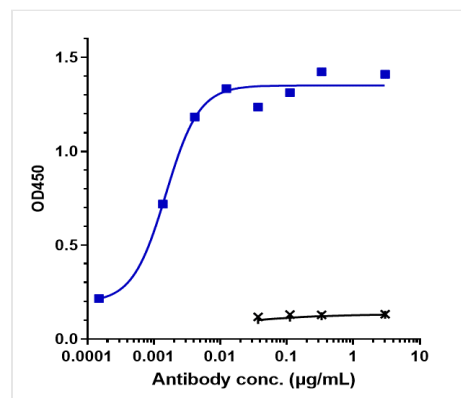
Host	CHO Cell
Reactivity	Human, Mouse, Cynomolgus
Clonality	Monoclonal
Isotype	IgG1
Specificity	ERBB1/EGFR/HER1
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for ERBB1/EGFR/HER1 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



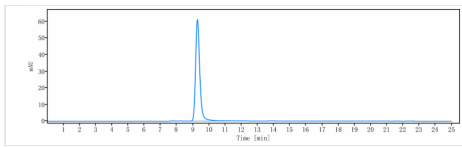
FCM/FACS (Flow Cytometry)

Human EGFR CHO-K cells were stained with Anti-ERBB1 / EGFR / HER1 Reference Antibody (necitumumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC82=0.08413 ug/mL



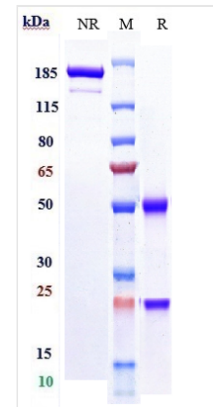
Application Data

Immobilized human EGFR His at 2 ug/mL can bind Anti-ERBB1 / EGFR / HER1 Reference Antibody (necitumumab), EC50=0.001519 ug/mL.



Application Data

The purity of Anti-ERBB1 / EGFR / HER1 Reference Antibody (necitumumab) is more than 95% ,determined by SEC-HPLC.



SDS-PAGE

Anti-ERBB1 / EGFR / HER1 Reference Antibody (necitumumab) 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
ERBB1/EGFR/HER1 recombinant
antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219.2
NCBI GenBank Nucleotide #	NM_005228.3
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7
Molecular Weight	134,277 Da
NCBI Official Full Name	epidermal growth factor receptor isoform a
NCBI Official Synonym Full Names	epidermal growth factor receptor
NCBI Official Symbol	EGFR
NCBI Official Synonym Symbols	ERBB; HER1; mENA; ERBB1; PIG61
NCBI Protein Information	epidermal growth factor receptor; proto-oncogene c-ErbB-1; cell growth inhibiting protein 40; cell proliferation-inducing protein 61; receptor tyrosine-protein kinase erbB-1; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	EGFR
UniProt Synonym Gene Names	ERBB; ERBB1; HER1
UniProt Entry Name	EGFR_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://stage.aaabiotech.com/monoclonal/erbb1-egfr-her1-recombinant-antibody-functional-assay-flow-cytometry-elisa/296743>