

CLDN18.2 recombinant antibody

Anti-CLDN18.2 Reference Antibody (zolbetuximab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296892	CHO Cell	Human, Mouse	Functional Assay, Flow Cytometry, Functional Assay, ELISA

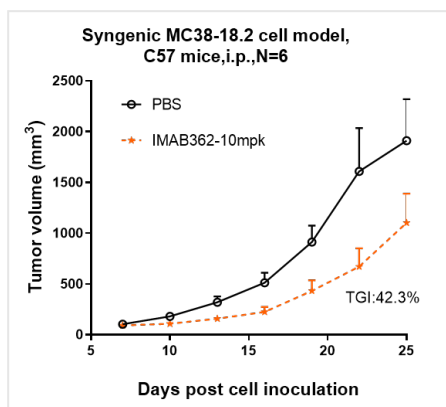
PRODUCT SYNONYMS

CLDN18.2; Monoclonal Recombinant Antibody; Anti-CLDN18.2 Reference Antibody (zolbetuximab); CLDN18.2 recombinant antibody

PRODUCT SPECIFICATIONS

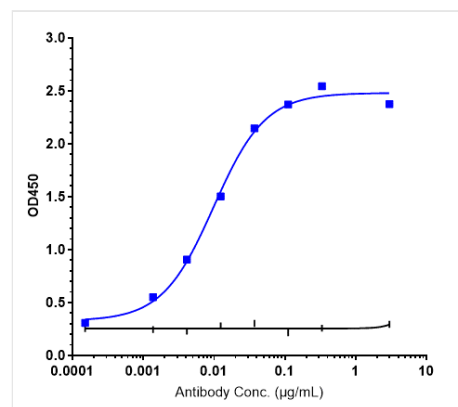
Host	CHO Cell
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	CLDN18.2
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CLDN18.2 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



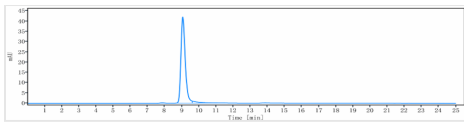
Application Data

Zolbetuximab inhibited the tumor growth of CLDN18.2-MC38 (Mouse colorectal cancer cells) on C57BL/6N mice. The result showed significant anti-tumor effects, with a tumor inhibition rate (TGI) of 42.3% at 10 mpk at D25.



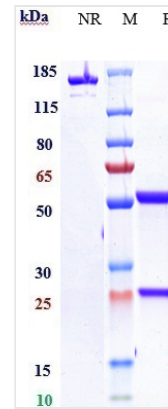
Application Data

Immobilized human CLDN18.2 VLP at 2 µg/mL can bind Anti-CLDN18.2 Reference Antibody (zolbetuximab), EC50=0.07951 µg/mL



Application Data

The purity of Anti-CLDN18.2 Reference Antibody (zolbetuximab) is more than 96.05%, determined by SEC-HPLC.



SDS-PAGE

Anti-CLDN18.2 Reference Antibody (zolbetuximab) 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
CLDN18.2 recombinant antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345279
NCBI GeneID	51208
NCBI Accession #	NP_001002026.1
NCBI GenBank Nucleotide #	NM_001002026.2
UniProt Accession #	P56856; Q96PH4; A5PL21
Molecular Weight	27,856 Da
NCBI Official Full Name	claudin-18 isoform 2
NCBI Official Synonym Full Names	claudin 18
NCBI Official Symbol	CLDN18
NCBI Official Synonym Symbols	SFTA5; SFTPJ; DKFZp564B2062
NCBI Protein Information	claudin-18; OTTHUMP00000216399; OTTHUMP00000216400; surfactant associated 5; surfactant associated protein J; surfactant, pulmonary associated protein J
UniProt Protein Name	Claudin-18
UniProt Gene Name	CLDN18
UniProt Entry Name	CLD18_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/cldn182-recombinant-antibody-functional-assay-flow-cytometry-elisa/296892>