

CLDN6 recombinant antibody

Anti-CLDN6 Reference Antibody (IMAB027)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29397	CHO Cell	Human	ELISA, Flow Cytometry, Functional Assay, Functional Assay

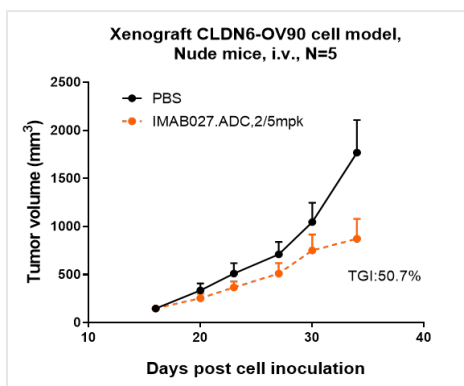
PRODUCT SYNONYMS

CLDN6; Monoclonal Recombinant Antibody; Anti-CLDN6 Reference Antibody (IMAB027); CLDN6 recombinant antibody

PRODUCT SPECIFICATIONS

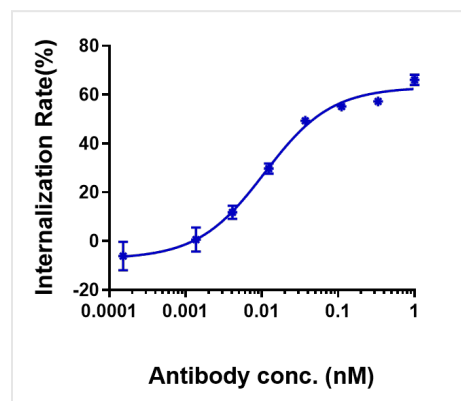
Host	CHO Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	CLDN6
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CLDN6 recombinant antibody	ELISA, FCM/FACS (Flow Cytometry), FA (Functional Assay), Animal Model
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



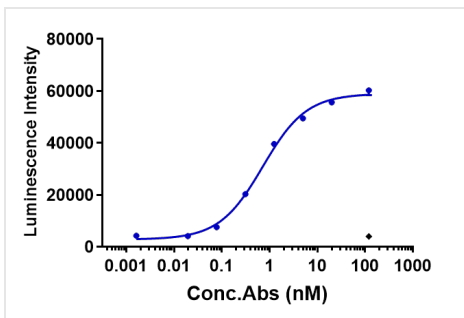
Application Data

IMAB027 inhibited the tumor growth of OV90 on Balb/c nude mice. The result showed significant anti-tumor effects, with an tumor inhibition rate (TGI) of 50.7% at 5 mpk at D34.



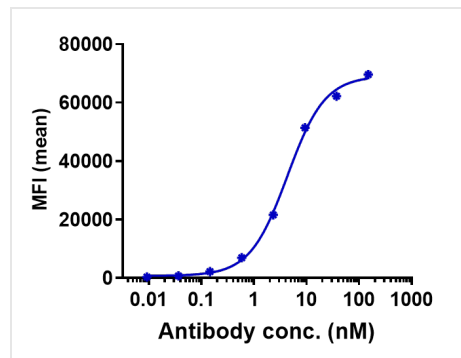
Application Data

Anti-CLDN6 Reference Antibody (IMAB027) by huCLDN6-HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 60% at antibody concentration of 1 nM.



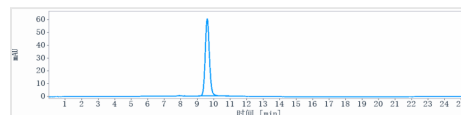
Application Data

Anti-CLDN6 Reference Antibody (IMAB027)-induced ADCC activity was evaluated using Human CD16a (158V) (Luc) Jurkat Reporter Cell. The max induction fold was approximately 14.16



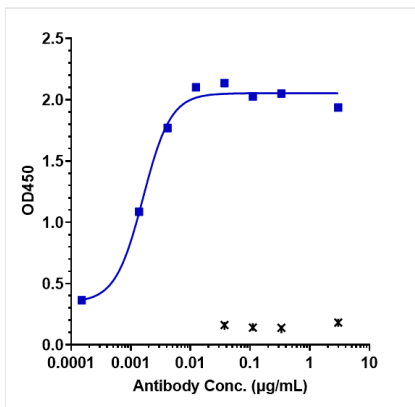
FCM (Flow Cytometry)

Human CLDN6 CHO cells were stained with Anti-CLDN6 Reference Antibody (IMAB027) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC199=4.342 nM



Application Data

The purity of Anti-CLDN6 Reference Antibody (IMAB027) is more than 98.41%, determined by SEC-HPLC.



Application Data

Immobilized human CLDN6 VLP at 8 µg/mL can bind Anti-CLDN6 Reference Antibody (IMAB027), EC50=0.001599 µg/mL

ADDITIONAL INFORMATION

Product Categories/Family for CLDN6 recombinant antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792768
NCBI GeneID	9074
NCBI Accession #	NP_067018.2
NCBI GenBank Nucleotide #	NM_021195.4
UniProt Accession #	P56747; B3KQP9; D3DUA5
Molecular Weight	23,292 Da
NCBI Official Full Name	claudin-6
NCBI Official Synonym Full Names	claudin 6
NCBI Official Symbol	CLDN6
NCBI Protein Information	claudin-6; skullin
UniProt Protein Name	Claudin-6
UniProt Gene Name	CLDN6

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/cldn6-recombinant-antibody-flow-cytometry-functional-assay-elisa/29397>