

anti-Human Claudin-18.2 Monoclonal Antibody | anti-CLDN18 antibody

Claudin-18.2 Monoclonal Antibody

CATALOG # AAA28059	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay
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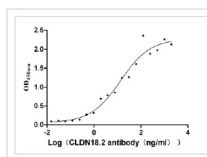
PRODUCT SYNONYMS

Claudin-18.2; Monoclonal Antibody; Claudin-18.2 Monoclonal Antibody; Claudin-18; CLDN18; anti-CLDN18 antibody

PRODUCT SPECIFICATIONS

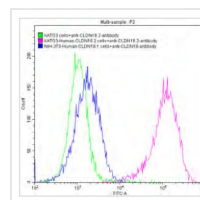
Reactivity	Human
Clonality	Monoclonal
Isotype	hIgG1
Clone Number	9C2
Purity/Purification	Affinity-chromatography
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-CLDN18 antibody	ELISA, FCM/FACS (Flow Cytometry)
Application Notes	FC: 1:50-1:200
Immunogen Species	Homo sapiens (Human)
Immunogen	Recombinant Human Claudin-18.2 protein
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



The Binding Activity of Human CLDN18.2 with Anti-CLDN18.2 recombinant antibody. Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CLDN18.2 (MBS9018400) at 5 g/mL can bind Anti-CLDN18.2 recombinant antibody, the EC₅₀ is 6.554-27.87 ng/mL.

ELISA



Untransfected KATO3 cells (green line), transfected Human CLDN18.2 KATO3 stable cells (red line) and transfected Human CLDN18.1 NIH-3T3 stable cells (blue line) were stained with anti-CLDN18.2 antibody (2µg/1*10⁵ cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.

FCM (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN18 antibody	Background: Flow cytometry is a technology to perform rapid quantitation and multiparameter analysis of single cells or other biological particles. It can analyze tensthousands of cells at high speed, and can simultaneously measure multiple parameters from one cell. When the special antibody labeled by fluorescence recognized the target antigen, the fluorescence signal will be acquire by Flow cytometry.
Product Categories/Family for anti-CLDN18 antibody	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345279
NCBI GeneID	51208
NCBI Accession #	NP_001002026.1
NCBI GenBank Nucleotide #	NM_001002026.2
UniProt Accession #	P56856-2; Q96PH4; A5PL21; P56856
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/claudin-182-antibody-clone-9c2-flow-cytometry-elisa/28059>