

Rabbit anti-Human Claudin18.2 Monoclonal Antibody | anti-CLDN18 antibody

Claudin18.2 Rabbit mAb

CATALOG # AAA282850	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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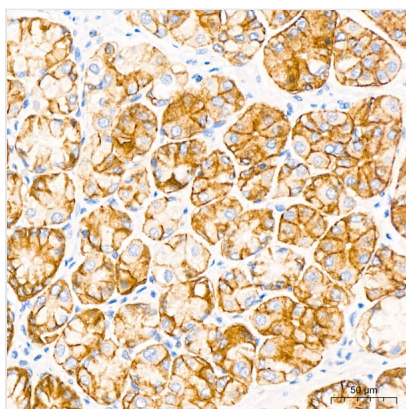
PRODUCT SYNONYMS

Claudin18.2; Monoclonal Antibody; Claudin18.2 Rabbit mAb; SFTA5; SFTPJ; anti-CLDN18 antibody

PRODUCT SPECIFICATIONS

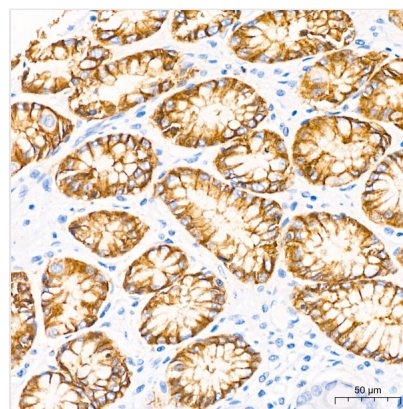
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MSTTTCQVVA FLLSILGLAG CIAATGMDMW STQDLYDNPV TSVFQYEGWL RSCVRQSSGF TECRPYFTIL GLPAMLQAVR ALMIVGIVLG AIGLLVSIFA
Applicable Applications for anti-CLDN18 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CLDN18.2 (P56856-2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human stomach using CLDN18.2 Rabbit mAb (AAA282850) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



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ADDITIONAL INFORMATION

Related Product Information for anti-CLDN18 antibody	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is upregulated in patients with ulcerative colitis and highly overexpressed in infiltrating ductal adenocarcinomas. PKC/MAPK/AP-1 (protein kinase C/mitogen-activated protein kinase/activator protein-1) dependent pathway regulates the expression of this gene in gastric cells. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-CLDN18 antibody	Signal Transduction; Cell Biology Developmental Biology; Cell Adhesion; Tight Junctions; Cytoskeleton; 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	Calculated MW: 28kDa
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/claudin182-antibody-immunohistochemistry-elisa/282850>