

Mouse anti-Human CLDN18/Claudin 18 Monoclonal Antibody | anti-CLDN18 antibody

CLDN18/Claudin 18 Mouse anti-Human Monoclonal Antibody

CATALOG # AAA163087	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunohistochemistry
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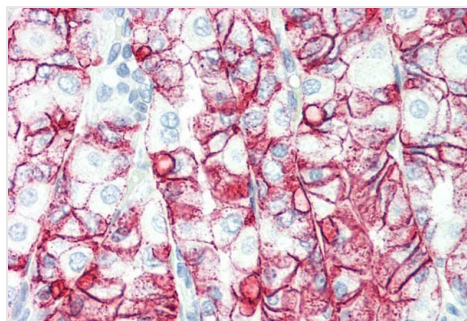
PRODUCT SYNONYMS

CLDN18/Claudin 18; Monoclonal Antibody; CLDN18/Claudin 18 Mouse anti-Human Monoclonal Antibody; PathPlus CLDN18/Claudin 18 Antibody; CLDN18; Claudin 18; Claudin-18; SFTPJ; SFTA5; Surfactant associated 5; anti-CLDN18 antibody

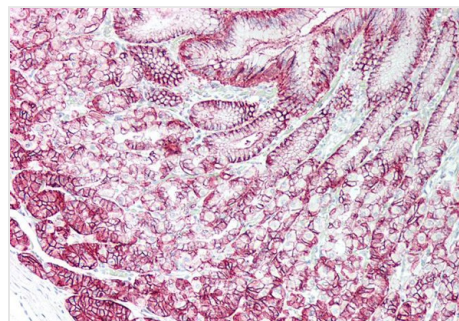
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified
Form/Format	0.5% BSA, 0.1% Kathon, Tris-Buffered Saline, DI H2O and 50% glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CLDN18 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human CLDN18/Claudin 18
Immunogen	Synthetic Claudin 18
Conjugation	Unconjugated
Family	Claudin
Preparation and Storage	Store at -20 degree C for up to 1 year.

IMAGES



IHC (Immunohistochemistry)
CLDN18/Claudin 18 Antibody-Human Stomach: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
CLDN18/Claudin 18 Antibody-Human Stomach: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN18 antibody	Claudin 18 antibody is an unconjugated mouse monoclonal antibody to human Claudin 18 (CLDN18). Validated for IHC. CLDN18/claudin 18 is a member of the claudin family of integral membrane proteins that comprise tight junction strands. These are formed at points of cell-cell adhesion at the plasma membrane in epithelial cells. There are two splice variants, one expressed in the gastric mucosa and the other in lung. The gastric isoform is expressed in gastric tumors as well as tumors of other tissues, including the lung, ovary, pancreas, and esophagus. Staining is used to identify gastrointestinal and pancreatobiliary neoplasms such as gastrointestinal signet ring cell carcinoma, pancreatic ductal adenocarcinomas, and intrahepatic cholangiocarcinoma.
References	Mol Cell Biol. 2001;21(21):7380-7390. doi: 10.1128/MCB.21.21.7380-7390.2001; Clin Cancer Res. 2008;14(23):7624-7634. doi: 10.1158/1078-0432.CCR-08-1547; Gene. 2011;481(2):83-92. doi: 10.1016/j.gene.2011.04.007; Am J Surg Pathol. 2008;32(8):1182-1189. doi: 10.1097/PAS.0b013e318163a8f8; J Histochem Cytochem. 2011;59(10):942-952. doi: 10.1369/0022155411420569; Virchows Arch. 2011;459(1):73-80. doi: 10.1007/s00428-011-1092-z.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	51208
NCBI Accession #	NP_057453.1
NCBI GenBank Nucleotide #	NM_016369
UniProt Accession #	P56856
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/cldn18-claudin-18-antibody-immunohistochemistry-immunohistochemistry-elisa/163087>