

Mouse anti-Human Claudin 1 Monoclonal Antibody | anti-CLDN1 antibody

Claudin 1 Mouse mAb (PT0509)

CATALOG # AAA268496	HOST Mouse	REACTIVITY Human
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PRODUCT SYNONYMS

Claudin 1; Monoclonal Antibody; Claudin 1 Mouse mAb (PT0509); anti-CLDN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Affinity purified by Protein G
Form/Format	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Sequence Length	211
Immunogen	Synthesized peptide derived from human Claudin 1
Cross Reactive Species	Human, Mouse, Rat
Preparation and Storage	Store at -20 degrees C for one year. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN1 antibody	Background: Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. Loss of function mutations result in neonatal ichthyosis-sclerosing cholangitis syndrome. [provided by RefSeq, Jul 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10863887
NCBI GeneID	9076
NCBI Accession #	NP_066924.1
NCBI GenBank Nucleotide #	NP_066924.1
UniProt Accession #	O95832
Molecular Weight	23KD
NCBI Official Full Name	claudin-1
NCBI Official Synonym Full Names	claudin 1

NCBI Official Symbol	CLDN1
NCBI Official Synonym Symbols	CLD1; SEMP1; ILVASC
NCBI Protein Information	claudin-1
UniProt Protein Name	Claudin-1
UniProt Gene Name	CLDN1
UniProt Synonym Gene Names	CLD1; SEMP1
UniProt Entry Name	CLD1_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-1-antibody-elisa/268496>