

Rabbit CLDN12 Polyclonal Antibody | anti-CLDN12 antibody

CLDN12 Antibody (N-term)

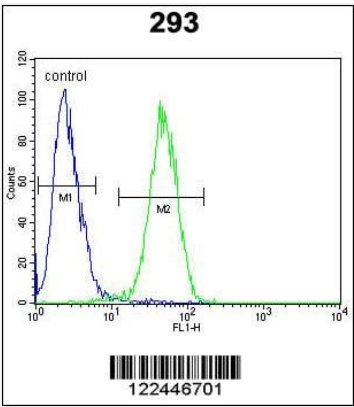
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283735	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

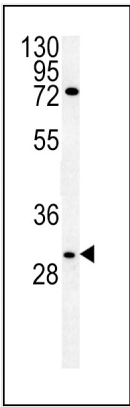
CLDN12; Polyclonal Antibody; CLDN12 Antibody (N-term); Claudin-12; anti-CLDN12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CLDN12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-46 amino acids from the N-terminal region of human CLDN12.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 mg/ml (varies by lot)
Sequence Positions	19-46
Sequence Length	244
Applicable Applications for anti-CLDN12 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Clone Names	RB22446
Function	Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium- independent cell-adhesion activity.
Cellular Location	Cell junction, tight junction. Cell membrane; Multi-pass membrane protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CLDN12 Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
CLDN12 Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the CLDN12 antibody detected the CLDN12 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CLDN12 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297374758
NCBI GeneID	9069
NCBI Accession #	NP_001172001.1; NP_001172002.1; NP_036261.1
NCBI GenBank Nucleotide #	NM_001185072.2
UniProt Accession #	P56749; Q7LDZ0; D6W5Q4
Molecular Weight	27110
NCBI Official Full Name	claudin-12
NCBI Official Synonym Full Names	claudin 12
NCBI Official Symbol	CLDN12
NCBI Protein Information	claudin-12
UniProt Protein Name	Claudin-12
UniProt Gene Name	CLDN12
UniProt Entry Name	CLD12_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.