

Rabbit anti-Human CLDN8 Polyclonal Antibody | anti-CLDN8 antibody

CLDN8 Antibody (Center)

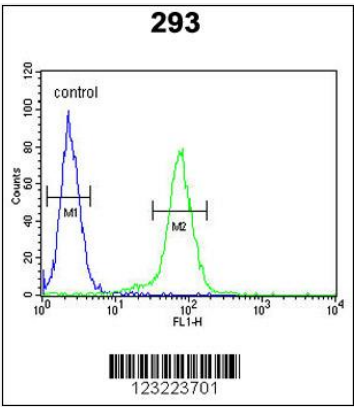
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289133	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

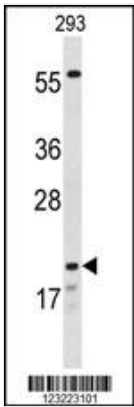
CLDN8; Polyclonal Antibody; CLDN8 Antibody (Center); Claudin-8; anti-CLDN8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CLDN8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 140-166 amino acids from the Central region of human CLDN8.
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: 0.326 (varies by lot)
Sequence Positions	140-166
Sequence Length	225
Applicable Applications for anti-CLDN8 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CLDN8 Antibody (Center) 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)
Western blot analysis of CLDN8 Antibody (Center) in 293 cell line lysates (35ug/lane). CLDN8 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN8 antibody	CLDN8 is components of epithelial cell tight junctions. Tight junctions regulate movement of solutes and ions through the paracellular space and prevent mixing of proteins and lipids in the outer leaflet of the apical and basolateral plasma membrane domains
Product Categories/Family for anti-CLDN8 antibody	Signal Transduction
References	Kim,S.S., et.al., Histopathology 54 (5), 633-635 (2009) Osunkoya,A.O., et.al, Hum. Pathol. 40 (2), 206-210 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40788011
NCBI GeneID	9073
NCBI Accession #	NP_955360.1
NCBI GenBank Nucleotide #	NM_199328.2
UniProt Accession #	P56748; Q53EX7; D3DSE3
Molecular Weight	24845
NCBI Official Full Name	claudin-8
NCBI Official Synonym Full Names	claudin 8
NCBI Official Symbol	CLDN8
NCBI Protein Information	claudin-8
UniProt Protein Name	Claudin-8
UniProt Gene Name	CLDN8
UniProt Entry Name	CLD8_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.