CLDN10 rabbit monoclonal antibody

Catalog #   H00009071-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLDN10 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLDN10 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CLDN10 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding F(ab)$_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — CLDN10

Entrez GeneID	9071
GeneBank Accession#	CLDN10
Gene Name	CLDN10
Gene Alias	CPETRL3, OSP-L
Gene Description	claudin 10
Gene Ontology	Hyperlink
Gene Summary	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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000018561|OTTHUMP00000018562

Pathway

- Cell adhesion molecules (CAMs)

- Leukocyte transendothelial migration

- Tight junction

Disease

- Tobacco Use Disorder