CLDN7 rabbit monoclonal antibody

Catalog #   H00001366-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLDN7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLDN7 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 CLDN7 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 including 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 — CLDN7

Entrez GeneID	1366
GeneBank Accession#	CLDN7
Gene Name	CLDN7
Gene Alias	CEPTRL2, CPETRL2, Hs.84359, claudin-1
Gene Description	claudin 7
Omim ID	609131
Gene Ontology	Hyperlink
Gene Summary	Claudins, such as CLDN7, are involved in the formation of tight junctions between epithelial cells. Tight junctions restrict lateral diffusion of lipids and membrane proteins, and thereby physically define the border between the apical and basolateral compartments of epithelial cells (Zheng et al., 2003 [PubMed 14502431]).[supplied by OMIM
Other Designations	Clostridium perfringens enterotoxin receptor-like 2|claudin 9

Pathway

- Cell adhesion molecules (CAMs)

- Leukocyte transendothelial migration

- Tight junction