CLDN19 rabbit monoclonal antibody

Catalog # H00149461-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLDN19 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLDN19 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 CLDN19 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 — CLDN19

Entrez GeneID	149461
GeneBank Accession#	CLDN19
Gene Name	CLDN19
Gene Alias	-
Gene Description	claudin 19
Omim ID	248190 610036
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the claudin family. It plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. Defects in this gene are the cause of hypomagnesemia renal with ocular involvement (HOMGO). HOMGO is a progressive renal disease characterized by primary renal magnesium wasting with hypomagn esemia, hypercalciuria and nephrocalcinosis associated with severe ocular abnormalities such a s bilateral chorioretinal scars, macular colobomata, significant myopia and nystagmus. Two trans cript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000008733

Pathway

- Cell adhesion molecules (CAMs)
- Leukocyte transendothelial migration
- Tight junction