

# CLDN8 rabbit monoclonal antibody

Catalog # H00009073-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human CLDN8 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLDN8 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CLDN8 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — CLDN8

Entrez GeneID	<a href="#">9073</a>
GeneBank Accession#	<a href="#">CLDN8</a>
Gene Name	CLDN8
Gene Alias	-
Gene Description	claudin 8
Omim ID	<a href="#">611231</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Claudins, such as CLDN8, are 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 (Acharya et al., 2004).[supplied by OMIM]
Other Designations	OTTHUMP00000101915

## Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Tight junction](#)