

CLDN11 rabbit monoclonal antibody

Catalog # H00005010-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLDN11 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLDN11 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 CLDN11 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	<ol style="list-style-type: none">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 — CLDN11

Entrez GeneID	5010
GeneBank Accession#	CLDN11
Gene Name	CLDN11
Gene Alias	OSP, OTM
Gene Description	claudin 11
Omim ID	601326
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the claudin family of tight junction associated protein s and is a major component of central nervous system myelin that is necessary for normal CNS fu nction. There is growing evidence that the protein determines the permeability between layers of myelin sheaths via focal adhesion and, with its expression highly regulated during development, m ay play an important role in cellular proliferation and migration. In addition, the protein is a candida te autoantigen in the development of autoimmune demyelinating disease. [provided by RefSeq
Other Designations	oligodendrocyte transmembrane protein

Pathway

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