CDH8 rabbit monoclonal antibody

Catalog # H00001006-K

Specification

Size 100 ug x up to 3

opecification	
Product Description	Rabbit monoclonal antibody raised against a human CDH8 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDH8 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
lsotype	lgG
Quality Control Testing	Antibody reactive against human CDH8 peptide by ELISA and mammalian transfected lysate by We stern 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	 Customer may provide cell or tissue lysate for antibody screening. 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 — CDH8	
Entrez GenelD	<u>1006</u>
GeneBank Accession#	CDH8
Gene Name	CDH8
Gene Alias	Nbla04261
Gene Description	cadherin 8, type 2
Omim ID	<u>603008</u>
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are compo sed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. The extracellular domain consists of 5 subdoma ins, each containing a cadherin motif, and appears to determine the specificity of the protein's ho mophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a HA V cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is expressed in brain and is putatively involved in synaptic adhesion, axon outgrowth and guidance. [prov ided by RefSeq
Other Designations	cadherin-8 putative protein product of Nbla04261

Disease

• Tobacco Use Disorder