

CDH13 rabbit monoclonal antibody

Catalog # H00001012-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CDH13 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDH13 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 CDH13 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 — CDH13

Entrez GeneID	1012
GeneBank Accession#	CDH13
Gene Name	CDH13
Gene Alias	CDHH
Gene Description	cadherin 13, H-cadherin (heart)
Omim ID	601364
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region but, unlike the typical cadherin superfamily member, lacks the highly conserved cytoplasmic region. This particular cadherin is a putative mediator of cell-cell interaction in the heart and may act as a negative regulator of neural cell growth. The gene locus is hypermethylated or deleted in breast, ovarian and lung cancers. Two major mRNA transcripts encoding identical proteins are found, products of alternative polyadenylation sites. [provided by RefSeq]
Other Designations	H-cadherin P105 T-cad T-cadherin cadherin 13 heart-cadherin truncated-cadherin

Disease

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- [Child Development Disorders](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)

- [Diabetic Nephropathies](#)
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