

# CDH15 rabbit monoclonal antibody

Catalog # H00001013-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human CDH15 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDH15 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 CDH15 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 — CDH15

Entrez GeneID	<a href="#">1013</a>
GeneBank Accession#	<a href="#">CDH15</a>
Gene Name	CDH15
Gene Alias	CDH14, CDH3, CDHM, MCAD
Gene Description	cadherin 15, type 1, M-cadherin (myotubule)
Omim ID	<a href="#">114019</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene is a member of the cadherin superfamily of genes, encoding calcium-dependent intercellular adhesion glycoproteins. Cadherins consist of an extracellular domain containing 5 cadherin domains, a transmembrane region, and a conserved cytoplasmic domain. Transcripts from this particular cadherin are expressed in myoblasts and upregulated in myotubule-forming cells. The protein is thought to be essential for the control of morphogenetic processes, specifically myogenesis, and may provide a trigger for terminal muscle cell differentiation. [provided by RefSeq]
Other Designations	M-cadherin cadherin 15 cadherin 15, M-cadherin (myotubule) cadherin-14 cadherin-3 muscle-cadherin myotubule-cadherin

## Pathway

- [Cell adhesion molecules \(CAMs\)](#)

## Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)

- [Subarachnoid Hemorrhage](#)