

# CDH15 rabbit monoclonal antibody

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

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human CDH15 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human CDH15 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human CDH15 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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](#)