

ADM rabbit monoclonal antibody

Catalog # H00000133-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	133
GeneBank Accession#	ADM
Gene Name	ADM
Gene Alias	AM
Gene Description	adrenomedullin
Omim ID	103275
Gene Ontology	Hyperlink
Gene Summary	Adrenomedullin, a hypotensive peptide found in human pheochromocytoma, consists of 52 amino acids, has 1 intramolecular disulfide bond, and shows a slight homology with the calcitonin gene-related peptide. It may function as a hormone in circulation control because it is found in blood in a considerable concentration. The precursor, called preproadrenomedullin, is 185 amino acids long . By RNA-blot analysis, human adrenomedullin mRNA was found to be highly expressed in several tissues. Genomic ADM DNA consists of 4 exons and 3 introns, with the 5-prime flanking region containing TATA, CAAT, and GC boxes. There are also multiple binding sites for activator protein-2 and a cAMP-regulated enhancer element. [provided by RefSeq]
Other Designations	preproadrenomedullin

Pathway

- [Vascular smooth muscle contraction](#)

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)

- [Diabetic Nephropathies](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Proteinuria](#)
- [Schizophrenia](#)