

AMD1 rabbit monoclonal antibody

Catalog # H00000262-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AMD1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human AMD1 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 AMD1 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 — AMD1

Entrez GeneID	262
GeneBank Accession#	AMD1
Gene Name	AMD1
Gene Alias	ADOMETDC, AMD, DKFZp313L1234, FLJ26964, SAMDC
Gene Description	adenosylmethionine decarboxylase 1
Omim ID	180980
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an important intermediate enzyme in polyamine biosynthesis. The polyamines spermine, spermidine, and putrescine are low-molecular-weight aliphatic amines essential for cell ular proliferation and tumor promotion. Two alternatively spliced transcript variants that encode diff erent proteins have been identified. [provided by RefSeq
Other Designations	OTTHUMP00000017012 OTTHUMP00000017013 S-adenosylmethionine decarboxylase 1

Pathway

- [Arginine and proline metabolism](#)
- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)

Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Macular Degeneration](#)
- [Microsatellite Instability](#)
- [Spinal Dysraphism](#)