

ADAMTS12 rabbit monoclonal antibody

Catalog # H00081792-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ADAMTS12 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ADAMTS12 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 ADAMTS12 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 — ADAMTS12

Entrez GeneID	81792
GeneBank Accession#	ADAMTS12
Gene Name	ADAMTS12
Gene Alias	PRO4389
Gene Description	ADAM metalloproteinase with thrombospondin type 1 motif, 12
Omim ID	606184
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS-1) motif. Individual members of this family differ in the number of C-terminal TS-1 motifs, and some have unique C-terminal domains. The enzyme encoded by this gene contains eight TS-1 motifs. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion. [provided by RefSeq]</p>
Other Designations	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 12

Disease

- [Tobacco Use Disorder](#)