A2M rabbit monoclonal antibody

Catalog # H00000002-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human A2M peptide using ARM Technology.
Immunogen	A synthetic peptide of human A2M 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 A2M peptide by ELISA and mammalian transfected lysate by West ern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- ELISA

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- Western Blot (Transfected lysate)

  Protocol Download

Gene Info — A2M

Entrez GeneID	2
GeneBank Accession#	A2M
Gene Name	A2M
Gene Alias	CPAMD5, DKFZp779B086, FWP007, S863-7
Gene Description	alpha-2-macroglobulin
Omim ID	103950 104300
Gene Ontology	Hyperlink
Gene Summary	Alpha-2-macroglobulin is a protease inhibitor and cytokine transporter. It inhibits many proteases, including trypsin, thrombin and collagenase. A2M is implicated in Alzheimer disease (AD) due to its ability to mediate the clearance and degradation of A-beta, the major component of beta-amyloid deposits. [provided by RefSeq
Other Designations	-

Pathway

- Complement and coagulation cascades

Disease

- Alzheimer disease
- Amyloidosis
- Arthritis
- Cardiovascular Diseases
- Cognition Disorders

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- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Diseases in Twins
- Edema
- Essential tremor
- Genetic Predisposition to Disease
- Hepatitis C
- Kidney Failure
- Liver Cirrhosis
- Macular Degeneration
- Memory Disorders
- Metabolic Syndrome X
- Multiple Sclerosis
- Myocardial Infarction
- Neoplasms
- Obesity
- Osteoporosis
- Parkinson disease

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