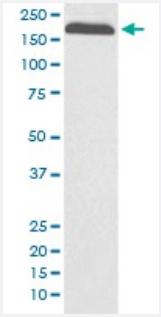
A2M monoclonal antibody, clone ABAO-1

Catalog # MAB19513 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of human plasma lysate with A2M monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human A2M.
Immunogen	A synthetic peptide corresponding to human A2M.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Western Blot (Cell lysate)

  Western blot analysis of human plasma lysate with A2M monoclonal antibody.

Gene Info — A2M

Entrez GeneID	2
Protein Accession#	P01023
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 i ts ability to mediate the clearance and degradation of A-beta, the major component of beta-amylo id deposits. [provided by RefSeq
Other Designations	-

Pathway

- Complement and coagulation cascades

Disease

- Alzheimer disease

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- Amyloidosis
- Arthritis
- Cardiovascular Diseases
- Cognition Disorders
- 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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