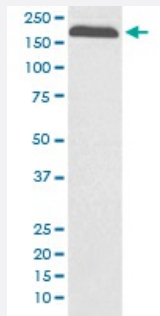


A2M monoclonal antibody, clone ABAO-1

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 stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

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

Applications

- Western Blot (Cell lysate)

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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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 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](#)
- [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](#)