RecomAb™

A2M recombinant monoclonal antibody, clone R02-9D9

Catalog # RAB06508 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human A2M.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human A2M.
Theoretical MW (kDa)	Calculated MW: 163 k
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In 10 mM PBS, pH 7.4 (150 mM NaCl, 0.05% BSA, 0.02% sodium azide and 50% glycerol).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

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- Western Blot

Gene Info — A2M

Entrez GeneID	2
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
- Amyloidosis
- Arthritis
- Cardiovascular Diseases
- Cognition Disorders
- Dementia
- Diabetes Complications
- Diabetes Mellitus

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- 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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