

Anti-A2M/Alpha 2 Macroglobulin Rabbit Monoclonal Antibody
Catalog # ABO13286

Specification

Anti-A2M/Alpha 2 Macroglobulin Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	P01023
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-A2M/Alpha 2 Macroglobulin Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Anti-A2M/Alpha 2 Macroglobulin Rabbit Monoclonal Antibody - Additional Information

Gene ID 2

Other Names

Alpha-2-macroglobulin, Alpha-2-M, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5, A2M, CPAMD5

Calculated MW

163291 MW KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Subcellular Localization

Secreted.

Tissue Specificity

Secreted in plasma..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human A2M

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated

freeze-thaw cycles.

Anti-A2M/Alpha 2 Macroglobulin Rabbit Monoclonal Antibody - Protein Information

Name A2M

Synonyms CPAMD5

Function

Is able to inhibit all four classes of proteinases by a unique 'trapping' mechanism. This protein has a peptide stretch, called the 'bait region' which contains specific cleavage sites for different proteinases. When a proteinase cleaves the bait region, a conformational change is induced in the protein which traps the proteinase. The entrapped enzyme remains active against low molecular weight substrates (activity against high molecular weight substrates is greatly reduced). Following cleavage in the bait region, a thioester bond is hydrolyzed and mediates the covalent binding of the protein to the proteinase.

Cellular Location

Secreted.

Tissue Location

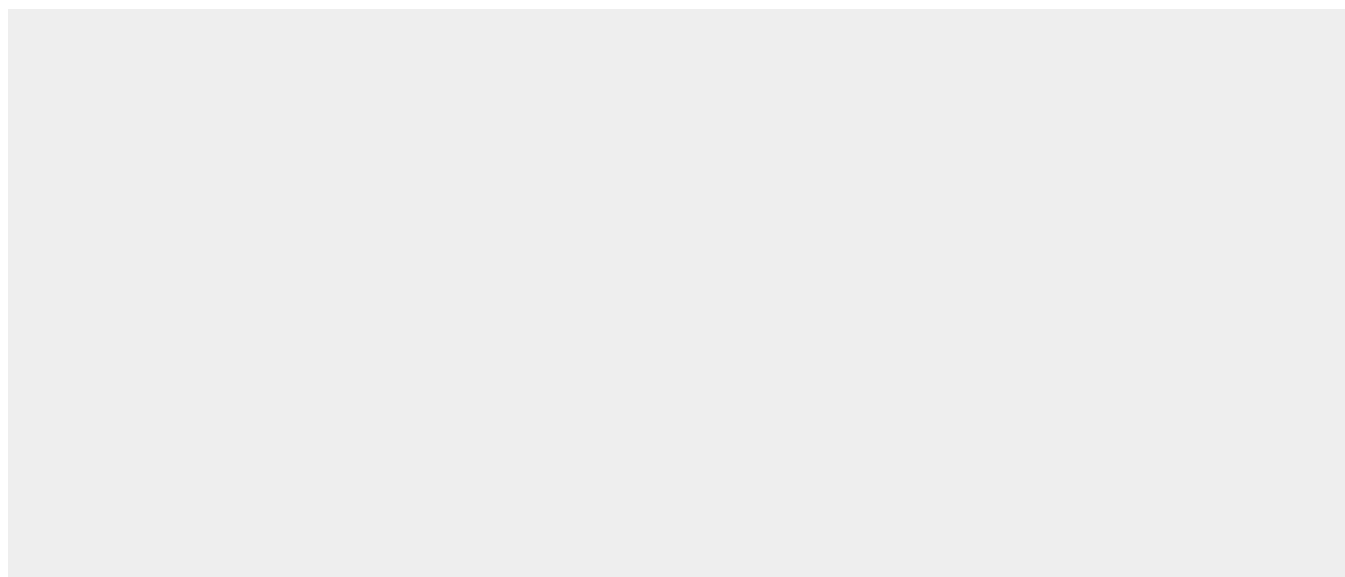
Secreted in plasma..

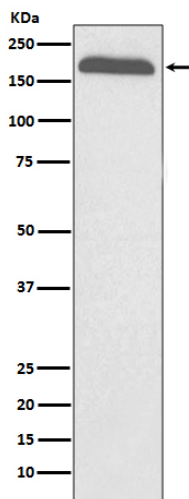
Anti-A2M/Alpha 2 Macroglobulin Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-A2M/Alpha 2 Macroglobulin Rabbit Monoclonal Antibody - Images





Western blot analysis of A2M expression in human plasma lysate.