## Anti-A2M/Alpha 2 Macroglobulin Rabbit Monoclonal Antibody <br> Catalog \# ABO13286

## Specification

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

```
Application
Primary Accession
Host
Isotype
Reactivity
Clonality
Format
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<br>IHC 1:50-1:200

## Subcellular Localization

Secreted.

Tissue Specificity
Secreted in plasma..
Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, $150 \mathrm{mM} \mathrm{NaCl}, 0.02 \%$ sodium azide and $50 \%$ glycerol, $0.4-0.5 \mathrm{mg} / \mathrm{ml}$ BSA.

## Immunogen

A synthesized peptide derived from human A2M

## Purification

Affinity-chromatography
Storage

Store at $-20^{\circ} \mathrm{C}$ for one year. For short term storage and frequent use, store at $4^{\circ} \mathrm{C}$ 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 Cytomety
- Cell Culture

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


Western blot analysis of A2M expression in human plasma lysate.

