10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-A2M / Alpha-2-Macroglobulin Antibody
Sheep Anti Human Polyclonal Antibody
Catalog # ALS18143

Specification

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

Application	**IHC-P, IHC-F, E**
Primary Accession	P01023
Predicted	**Human**
Host	**Sheep**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**163291**

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

Gene ID 2

Alias Symbol	**A2M**

Other Names
A2M, CPAMD5, A2MD, FWP007, Alpha-2-M, Alpha-2-macroglobulin, S863-7

Target/Specificity
Recognizes human ALPHA 2 MACROGLOBULIN.

Reconstitution & Storage
Protein G purified

Precautions
Anti-A2M / Alpha-2-Macroglobulin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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