

Anti-A2M / Alpha-2-Macroglobulin Antibody
Goat Anti Human Polyclonal Antibody
Catalog # ALS18006**Specification**

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

Application	IHC-P, E, IE
Primary Accession	P01023
Predicted	Human
Host	Goat
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 alpha2-Microglobulin. Monospecific when analyzed by immunoelectrophoresis. Only one arc was seen with normal human plasma, of identical mobility to that obtained with purified alpha2-microglobulin.

Reconstitution & Storage

Immunoaffinity 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 Cytometry](#)
- [Cell Culture](#)

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