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

Product Information

Application	IHC-P, IHC-F, E
Primary Accession	P01023
Predicted	Human
Host	Sheep
Clonality	Polyclonal
Isotype	IgG
Calculated MW	163291
Concentration (mg/ml)	5 mg/ml

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.

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..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.