

Anti-A2M/Alpha 2 Macroglobulin Rabbit Monoclonal Antibody

Catalog # ABO13286

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.

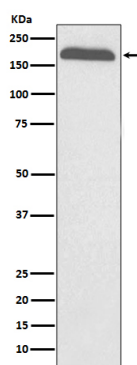
Additional Information

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
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Subcellular Localization	Secreted.
Tissue Specificity	Secreted in plasma..
Source	Eukaryota
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.
Clone Names	Clone: ABAO-1
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.

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..

Images



Western blot analysis of A2M expression in human plasma lysate.

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