

**Alpha-2-Macroglobulin Rabbit mAb**  
Catalog # AP77673**Specification**

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**Alpha-2-Macroglobulin Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P01023</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	163291

**Alpha-2-Macroglobulin Rabbit mAb - Additional Information****Gene ID 2****Other Names**

A2M

**Dilution**

WB~~1/500-1/1000

**Format**

Liquid

**Alpha-2-Macroglobulin Rabbit mAb - 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..

## Alpha-2-Macroglobulin Rabbit mAb - 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](#)

## Alpha-2-Macroglobulin Rabbit mAb - Images

