


## Mouse Anti-Mouse A2M Polyclonal Antibody


Cat. No. CPBT-27113MM Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Mouse Polyclonal antibody to Mouse A2M.
<b>Species</b>	Mouse
<b>Source</b>	Mouse
<b>Antigen Description</b>	Alpha-2-macroglobulin is a protease inhibitor and cytokine transporter. It inhibits many proteases, including trypsin, thrombin and collagenase. A2M is implicated in Alzheimer disease (AD) due to its ability to mediate the clearance and degradation of A-
<b>Isotype</b>	IgG
<b>Immunogen</b>	Synthetic peptide: KAITYLNTGY QRQLNYKHRD GSYSTFGDKP GRSHANTWLT, corresponding to amino acids 1003/1042 of Mouse alpha 2 Macroglobulin
<b>Specificity</b>	Secreted in plasma.
<b>Formulation</b>	Liquid
<b>Purity Detail</b>	Whole antiserum
<b>Applications</b>	WB
<b>Storage buffer</b>	Preservative: None Constituents: 50% Glycerol, Whole serum

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

**Sequence similarities** Belongs to the protease inhibitor I39 (alpha-2-macroglobulin) family.

## GENE INFORMATION

**Gene Name** [A2m alpha-2-macroglobulin \[ Mus musculus \]](#)

**Official Symbol** [A2M](#)

**Synonyms** A2M; alpha-2-macroglobulin; alpha-2-macroglobulin-P; A2M; A2MG\_HUMAN; Alpha 2 M; Alpha 2M; Alpha-2-M; Alpha-2-macroglobulin; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5; CPAMD5; DKFZp779B086; FWP007; S863 7; A2mp;

**Gene ID** [232345](#)

**mRNA Refseq** [NM\\_175628](#)


**Protein Refseq** [NP\\_783327](#)

**Pathway** Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem;

**Function** endopeptidase inhibitor activity; enzyme binding; growth factor binding; interleukin-1 binding; interleukin-8 binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA