



# A1AG1 Monoclonal Antibody

<b>Catalog No</b>	BYmab-05305
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	ORM1 AGP1
<b>Protein Name</b>	Alpha-1-acid glycoprotein 1 (AGP 1) (Orosomucoid-1) (OMD 1)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 30-110
<b>Specificity</b>	A1AG1 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	22kD
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	Expressed by the liver and secreted in plasma.
<b>Function</b>	function:Appears to function in modulating the activity of the immune system during the acute-phase reaction.,induction:Synthesis is controlled by glucocorticoids, interleukin-1 and interleukin-6, It increases 5- to 50-fold upon inflammation.,polymorphism:Three common alleles of ORM1 are known. ORM1*F1 has Gln-38/Val-174; ORM1*F2 has Gln-38/Met-174 and ORM1*S has Arg-38/Val-174. The sequence shown is that of allele ORM1*F1.,similarity:Belongs to the calycin superfamily. Lipocalin family.,tissue specificity:Expressed by the liver and secreted in plasma.,
<b>Background</b>	This gene encodes a key acute phase plasma protein. Because of its increase due to acute inflammation, this protein is classified as an acute-phase reactant. The specific function of this protein has not yet been determined; however, it may

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be involved in aspects of immunosuppression. [provided by RefSeq, Jul 2008],

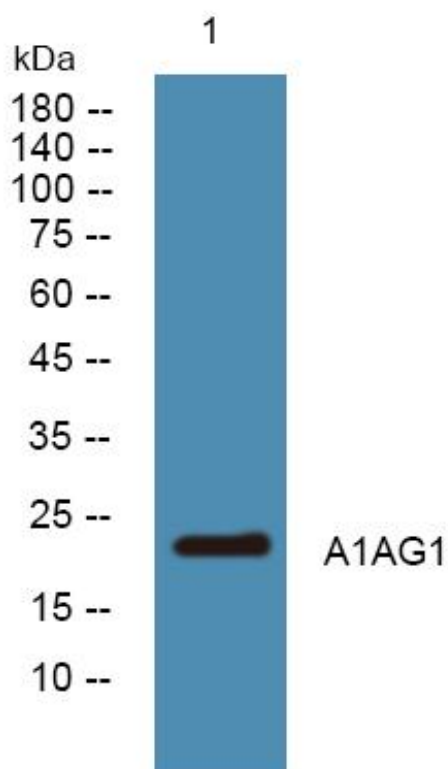
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using A1AG1 Monoclonal Antibody