

AHSG Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant AHSG.****Catalog # AT1076a****Specification**

AHSG Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P02765
Other Accession	BC048198
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	39341

AHSG Antibody (monoclonal) (M01) - Additional Information**Gene ID** 197**Other Names**

Alpha-2-HS-glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein, Fetuin-A, Alpha-2-HS-glycoprotein chain A, Alpha-2-HS-glycoprotein chain B, AHSG, FETUA

Target/Specificity

AHSG (AAH48198.1, 19 a.a. ~ 367 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

AHSG Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

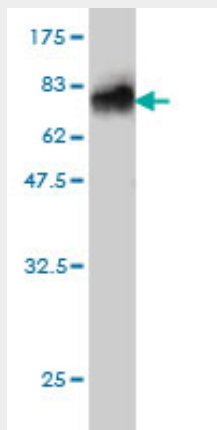
AHSG Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

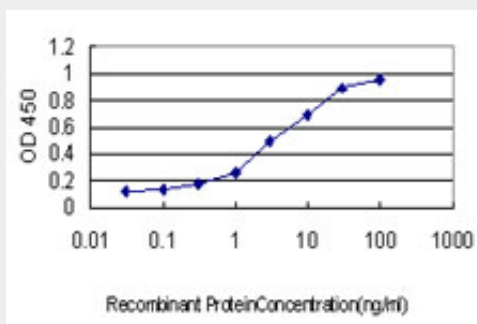
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AHSG Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (64.13 kDa) .



Detection limit for recombinant GST tagged AHSG is approximately 0.1 ng/ml as a capture antibody.

AHSG Antibody (monoclonal) (M01) - Background

Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues. However, its exact significance is still obscure.

AHSG Antibody (monoclonal) (M01) - References

1. A proteomics approach to identify changes in protein profiles in serum of Familial Adenomatous Polyposis patients. Quaresima B, Crugliano T, Gaspari M, Faniello MC, Cosimo P, Valanzano R, Genuardi M, Cannataro M, Veltri P, Baudi F, Doldo P, Cuda G, Venuta S, Costanzo F. Cancer Lett. 2008 Dec 8;272(1):40-52. Epub 2008 Jul 29.