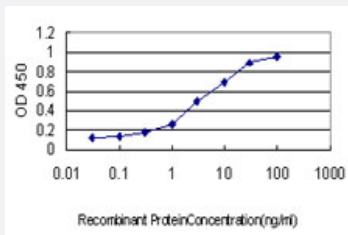


AHSG monoclonal antibody (M01), clone 5D8

Catalog # H00000197-M01

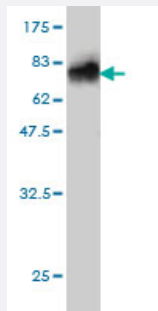
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (64.13 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant AHSG.

Immunogen

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.

Sequence

APHGPGLYRQPNCDDEPETEEAALVAIDYINQNLPWGYKHTLNQIDEVKVWPQQPSGELFEIEDTL
ETTCHVLDPTPVARCSVRQLKEHAVEGDCDFQLLKLDGKFSVVYAKCDSSPDSAEDVRKVCQD
CPLLAPLNDTRVVHAAKAALAAAFNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVAKEA
TEAAKCNULLAEKQYGFCATLSEKLGAEVAVTCTVFQTQPVTSQPQPEGANEAVPTPVVDPDA
PPSPPLGAPGLPPAGSPDASHVLLAAPPQGHQLHRAHYDLRHTFMGVVSLGSPSGEVSHPRKTR
TVVQPSVGAAAGPVVPPCPGRIRHFKV

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (57)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (64.13 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — AHSG

Entrez GeneID	197
GeneBank Accession#	BC048198
Protein Accession#	AAH48198.1
Gene Name	AHSG
Gene Alias	A2HS, AHS, FETUA, HSGA
Gene Description	alpha-2-HS-glycoprotein
Omim ID	138680
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

Alpha-2HS-glycoprotein|fetuin-A

Publication Reference

- [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 Letters 2008 Jul; 272(1):40.

Application: WB, Human, Serum from patients with Familial adenomatous polyposis

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Body Weight](#)
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- [Carotid Artery Diseases](#)
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