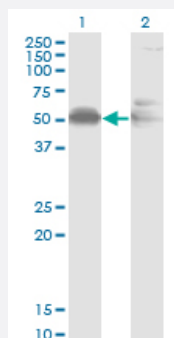


AHSG monoclonal antibody (M02), clone 1D8

Catalog # H00000197-M02

Size 100 ug

Applications

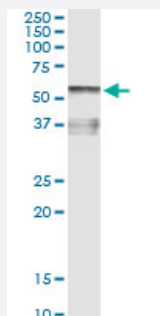


Western Blot (Transfected lysate)

Western Blot analysis of AHSG expression in transfected 293T cell line by AHSG monoclonal antibody (M02), clone 1D8.

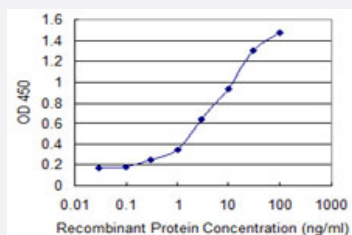
Lane 1: AHSG transfected lysate (39.3 kDa).

Lane 2: Non-transfected lysate.



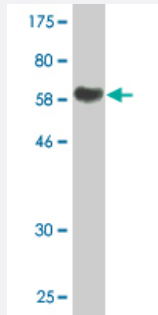
Immunoprecipitation

Immunoprecipitation of AHSG transfected lysate using anti-AHSG monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with AHSG MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AHSG is 0.1 ng/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	APHGPGLIYRQPNCDDEPETEEAALVAIDYINQNLPWGYKHTLNQIDEVKVWPQQPSGELFEIEIDTL ETTCHVLDPTPVARCSVRQLKEHAVEGDCDFQLLKLDGKFSVYAKCDSSPDSAEDVRKVCQD CPLLAPLNDTRVVHAAKAALAFNAQNNGSNFQLEEISRAQLVPLPPSTYFTVSGTDCVAKA TEAAKCNLLAEKQYGFCATLSEKLGGAEVAVTCTVFQTPVTSQPPQEGANEAVPTPVVDPDA PPSPPLGAPGLPPAGSPDASHVLLAAPPQHQLHRAHYDLRHTFMGVVSLGSPSGEVSHPRKTR TVVQPSVGAAAGPVVPPCPGRIRHFKV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (57)
Isotype	IgG1 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 (Transfected lysate)

Western Blot analysis of AHSG expression in transfected 293T cell line by AHSG monoclonal antibody (M02), clone 1D8.

Lane 1: AHSG transfected lysate(39.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of AHSG transfected lysate using anti-AHSG monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with AHSG MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — AHSG

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

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Body Weight](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Disease](#)
- [Delayed Graft Function](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Malnutrition](#)

- [Metabolic Syndrome X](#)
- [Nephrolithiasis](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Postoperative Complications](#)
- [Thinness](#)
- [Tobacco Use Disorder](#)
- [Vascular Diseases](#)