

## Datasheet

### AHSG monoclonal antibody (M02), clone 1D8

**Catalog Number:** H00000197-M02

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full-length recombinant AHSG.

**Clone Name:** 1D8

**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:**

APHGPGLIYRQPNCDDEPETEEAALVAIDYINQNLPWGY  
KHTLNQIDEVKVWPQQPSGELFEIEDTLETTCHVLDPT  
PVARCSVRQLKEHAVEGDCDFQLLKLDGKFSVVYAKC  
DSSPDSAEDVRKVCQDCPLLAPLNDTRVVHAAKAALA  
AFNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTD  
CVAKEATEAAKCNLLAEKQYGFKATLSEKLGGAEVA  
VTCTVFQTQPVTSQPQPEGANEAVPTPVVDPDAPPSP  
PLGAPGLPPAGSPPDSHVLLAAPPQHQLHRAHYDLRH  
TFMGVVSLGSPSGEVSHPRKTRTVVQPSVGAAAGPV  
VPPCPGRIRHFKV

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IP, S-ELISA, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

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

**Entrez GeneID:** 197

**Gene Symbol:** AHSG

**Gene Alias:** A2HS, AHS, FETUA, HSGA

**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]