

Datasheet

AHCY monoclonal antibody (M08A), clone M1

Catalog Number: H00000191-M08A

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant AHCY.

Clone Name: M1

Immunogen: AHCY (AAH11606, 1 a.a. ~ 432 a.a)
full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MSDKLPYKVADIGLAAWGRKALDIAENEMPGLMRMRE
RYSASKPLKGARIAGCLHMTVETAVLIETLVTLGAEVQ
WSSCNIFSTQDHAAAAIAKAGIPVYAWKGETDEEYLW
CIEQTLYFKDGPLNMILDDGGDLTNLIHTKHPQLPGIR
GISEETTTGVHNLKMMANGILKVPAINVNDVSVTKSKF
DNLYGCRESLIDGIKRATDVMIAQKVAVVAGYGDVGK
GCAQALRGFGARVIITEIDPINALQAAMEGYEVTMTDE
ACQEGNIFVTTTGCIDILGRHFQMKDDAIVCNIGHFD
VEIDVKWLNENAVEKVNIPQVDRLKNGRRRIILLAEGL
RLVNLGCAMGHPSFVMSNSFTNQVMAQIELWTHPKD
YPVGVHFLPKKLDEAVAEHLGKLVKLTCLTEKQAQY
LGMSCDGPFPKPDHYRY

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Ce, WB-Re

(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: IgM Kappa

Storage Buffer: In ascites fluid

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

Entrez GeneID: 191

Gene Symbol: AHCY

Gene Alias: SAHH

Gene Summary: S-adenosylhomocysteine hydrolase belongs to the adenosylhomocysteinase family. It catalyzes the reversible hydrolysis of S-adenosylhomocysteine (AdoHcy) to adenosine (Ado) and L-homocysteine (Hcy). Thus, it regulates the intracellular S-adenosylhomocysteine (SAH) concentration thought to be important for transmethylation reactions. Deficiency in this protein is one of the different causes of hypermethioninemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]