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Datasheet

AHCY monoclonal antibody (M09A), clone M2

Catalog Number: H00000191-M09A

Regulation Status: For research use only (RUO)

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

Clone Name: M2

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
CIEQTLYFKDGPLNMILDDGGDLTNLIHTKHPQLLPGIR
GISEETTTGVHNLYKMMANGILKVPAINVNDSVTKSKF
DNLYGCRESLIDGIKRATDVMIAGKVAVVAGYGDVGK
GCAQALRGFGARVIITEIDPINALQAAMEGYEVTTMDE
ACQEGNIFVTTTGCIDIILGRHFEQMKDDAIVCNIGHFD
VEIDVKWLNENAVEKVNIKPQVDRYRLKNGRRIILLAEG
RLVNLGCAMGHPSFVMSNSFTNQVMAQIELWTHPDK
YPVGVHFLPKKLDEAVAEAHLGKLNVKLTKLTEKQAQY
LGMSCDGPFKPDHYRY

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: IgG1 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]