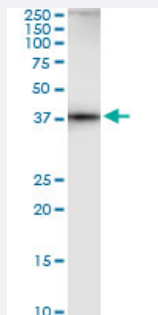


AHCY monoclonal antibody (M09), clone M2

Catalog # H00000191-M09

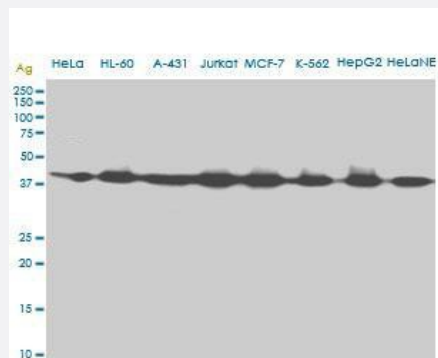
Size 100 ug

Applications



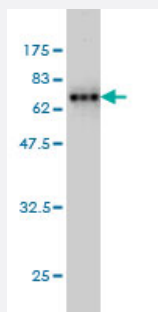
Western Blot (Cell lysate)

AHCY monoclonal antibody (M09), clone M2. Western Blot analysis of AHCY expression in A-549 (Cat # L025V1).



Western Blot (Cell lysate)

AHCY monoclonal antibody (M09), clone M2. Western Blot analysis of AHCY expression in different cell lines.



Western Blot detection against Immunogen (73.26 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant AHCY.

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	MSDKLPYKVADIGLAAWGRKALDIAENEMPGLMRMRERYSASKPLKGARIAGCLHMTVETAVLIE TLVTLGAEVQWSSCNIFSTQDHAAAAIAKAGIPVYAWKGETDEEYLWCIEQTLYFKDGPLNMILDD GGDLTNLIHTKHPQLLPGIRGISEETTTGVHNLYKMMANGILKVPAINVNSVTSKSKFDNLYGCRESL IDGIKRA TDVMIAGKVAVVAGYGDVGKGCAQALRGFGARVIITEIDPINALQAAMEGYEVTMDEAC QEGNIFVTTTGCIDILGRHFEQMKDDAIVCNIGHFDVEIDVKWLNENAVEKVNIPQVDRYRLKNGR RIILLAEGRVLNLGCAMGHPSFVMSNSFTNQVMAQIELWTHPDKYPVGVHFLPKKLDEAVAE AHL GKLVNKLTKLTEKQAQYLGMSCDGPFKPDHYRY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (73.26 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 (Cell lysate)

AHCY monoclonal antibody (M09), clone M2. Western Blot analysis of AHCY expression in A-549 (Cat # L025V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

AHCY monoclonal antibody (M09), clone M2. Western Blot analysis of AHCY expression in different cell lines.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — AHCY

Entrez GeneID [191](#)

GeneBank Accession# [BC011606](#)

Protein Accession# [AAH11606](#)

Gene Name AHCY

Gene Alias SAHH

Gene Description S-adenosylhomocysteine hydrolase

Omim ID [180960](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations OTTHUMP00000030684|adenosylhomocysteinase

Publication Reference

- [Identification of S100A8 and S100A9 as Serological Markers for Colorectal Cancer.](#)

Kim HJ, Kang HJ, Lee H, Lee ST, Yu MH, Kim H, Lee C.

Journal of Proteome Research 2009 Mar; 8(3):1368.

Application: WB-Ce, WB-Ti, Human, Human colorectal cancer, Colo201, Colo205, DLD-1, HCT-8, HCT-116, HT-29, LOVO, RKO, SNUC2A, SNUC4, WIDR cells

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)
- [Selenoamino acid metabolism](#)

Disease

- [Aortic Aneurysm](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
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- [Hyperhomocysteinemia](#)
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