

Mouse anti-Human, Rat MTHFR Antibody | anti-MTHFR antibody

MTHFR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108627	Mouse	Human, Rat	ELISA, Immunohistochemistry, Western Blot

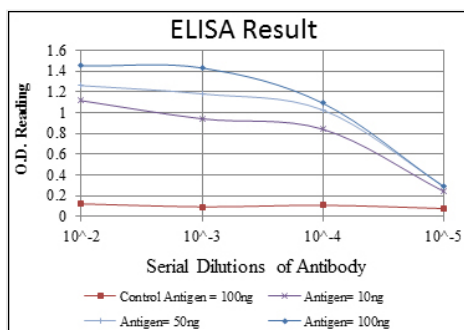
PRODUCT SYNONYMS

MTHFR; MTHFR Antibody; anti-MTHFR antibody

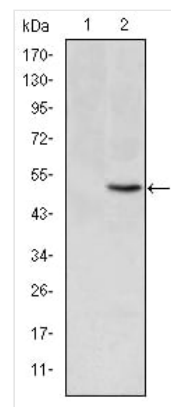
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Isotype	IgG1
Clone Number	5D3
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	656
Applicable Applications for anti-MTHFR antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MTHFR expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES

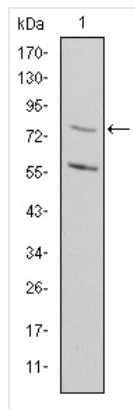


Application Data



WB (Western Blot)

Figure 2: Western blot analysis using MTHFR mAb against HEK293 (1) and MTHFR-hlgGf transfected HEK293 (2) cell lysate.



WB (Western Blot)

Figure 1: Western blot analysis using MTHFR mouse mAb against Rat Heart cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MTHFR antibody	The protein encoded by this gene catalyzes the conversion of 5, 10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer and acute leukemia, and mutations in this gene are associated with methylenetetrahydrofolate reductase deficiency.
Product Categories/Family for anti-MTHFR antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	87240000
NCBI GeneID	4524
NCBI Accession #	NP_005948.3
NCBI GenBank Nucleotide #	NM_005957.4
UniProt Accession #	P42898 ; Q5SNW6 ; Q5SNW9 ; Q7Z6M6 ; Q8IU73 ; Q9UQR2 ; B2R7A6
Molecular Weight	75kDa
NCBI Official Full Name	methylenetetrahydrofolate reductase isoform 2
NCBI Official Synonym Full Names	methylenetetrahydrofolate reductase
NCBI Official Symbol	MTHFR
NCBI Protein Information	methylenetetrahydrofolate reductase
UniProt Protein Name	Methylenetetrahydrofolate reductase
UniProt Gene Name	MTHFR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-rat-antibody/mthfr/108627>