

Mouse MTAP Monoclonal Antibody | anti-MTAP antibody

MTAP (methylthioadenosine phosphorylase, 5'-methylthioadenosine phosphorylase, c86fus, MSAP, MTAPase, MTA Phosphorylase, S-methyl-5'-thioadenosine Phosphorylase) (HRP)

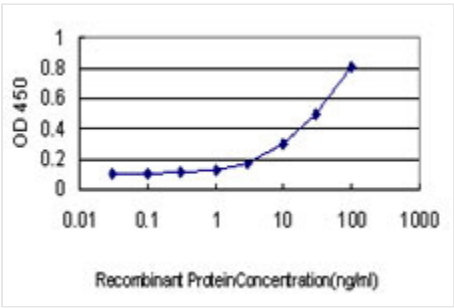
CATALOG # AAA25462	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

MTAP; Monoclonal Antibody; MTAP (methylthioadenosine phosphorylase; 5'-methylthioadenosine phosphorylase; c86fus; MSAP; MTAPase; MTA Phosphorylase; S-methyl-5'-thioadenosine Phosphorylase) (HRP); anti-MTAP antibody

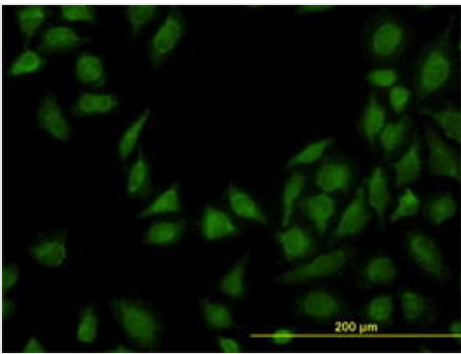
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2G4
Specificity	Recognizes human MTAP. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-MTAP antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-154 from human MTAP (AAH18625) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MASGTTTTAVKIGIIGGTGLDDPEILEGRTEKYVDTPFGKPSDALILGKIKNVDCILLARHGRQHTIMPSKVNYQANIWALKEEGCTHVIVTTACGSLREEIQP
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Thaw at room temperature and centrifuge at 1000 x g for 5 minutes. Store supernatant at -20 degree C. Do not freeze. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of product recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



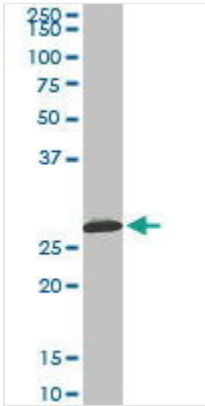
Application Data

Detection limit for recombinant GST tagged MTAP is ~0.3ng/ml as a capture antibody.



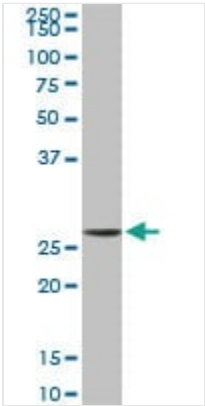
IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to MTAP on HeLa cell. [antibody concentration 10ug/ml]



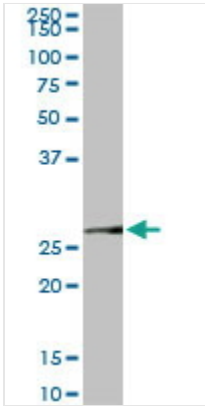
WB (Western Blot)

MTAP monoclonal antibody. Western Blot analysis of MTAP expression in NIH/3T3.



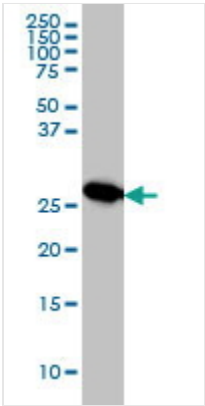
WB (Western Blot)

MTAP monoclonal antibody. Western Blot analysis of MTAP expression in Raw 264.7.



WB (Western Blot)

MTAP monoclonal antibody. Western Blot analysis of MTAP expression in PC-12.



WB (Western Blot)

MTAP monoclonal antibody Western Blot analysis of MTAP expression in HeLa.

ADDITIONAL INFORMATION

Related Product Information for anti-MTAP antibody	This gene encodes an enzyme that plays a major role in polyamine metabolism and is important for the salvage of both adenine and methionine. The encoded enzyme is deficient in many cancers because this gene and the tumor suppressor p16 gene are co-deleted. Multiple alternatively spliced transcript variants have been described for this gene, but their full-length natures remain unknown. [provided by RefSeq]
Product Categories/Family for anti-MTAP antibody	Antibodies; Enzymes; Phosphorylase

References	1. Integrative genomics identifies molecular alterations that challenge the linear model of melanoma progression. Rose AE, Poliseno L, Wang J, Clark M, Pearlman A, Wang G, Vega Y Saenz de Miera EC, Medicherla R, Christos PJ, Shapiro RL, Pavlick AC, Darvishian F, Zavadil J, Polsky D, Hernando E, Ostrer H, Osman I. Cancer Res. 2011 Feb 22.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17391371
NCBI GeneID	4507
Molecular Weight	26,278 Da
NCBI Official Full Name	Homo sapiens methylthioadenosine phosphorylase, mRNA
NCBI Official Synonym Full Names	methylthioadenosine phosphorylase
NCBI Official Symbol	MTAP
NCBI Official Synonym Symbols	BDMF; MSAP; DMSFH; LGMBF; DMSMFH; c86fus; HEL-249
NCBI Protein Information	S-methyl-5'-thioadenosine phosphorylase

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/mtap-antibody-clone-2g4-western-blot-elisa/25462>