

Mouse anti-Human MTAP Antibody | anti-MTAP antibody

MTAP (Tumor Suppressor Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215091	Mouse	Human	Immunohistochemistry

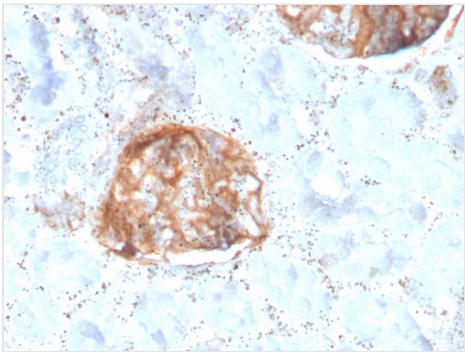
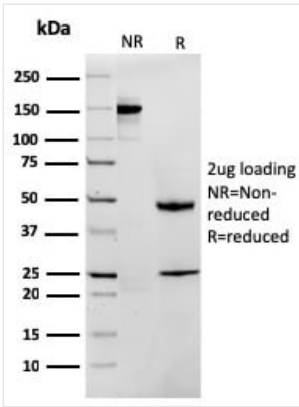
PRODUCT SYNONYMS

MTAP; MTAP (Tumor Suppressor Marker); BDMF; DMSFH; DMSMFH; Epididymis luminal protein 249; HEL249; LGMBF; MeSAdo phosphorylase; Methylthioadenosine phosphorylase; MSAP; MTA phosphorylase; MTAPase; S-methyl-5"-thioadenosine phosphorylase; anti-MTAP antibody

PRODUCT SPECIFICATIONS

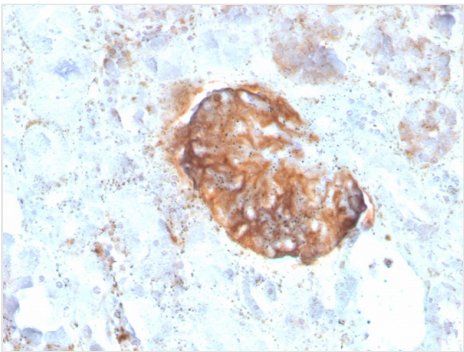
Host	Mouse
Reactivity	Human
Isotype	IgG1, kappa
Clone Number	rMTAP/1813
Specificity	Recognizes a protein of 31kDa, which is identified as MTAP (5'-deoxy-5'-methylthioadenosine phosphorylase). It catalyzes the reversible phosphorolysis of methylthioadenosine, which is important in polyamine metabolism and for the salvage of adenine and methionine. The gene encoding MTAP is linked to the tumor suppressor gene, p16INK4A. Deficient levels of MTAP can occur in cancers primarily through co-deletion of the MTAP gene and the p16INK4A gene. Cells expressing MTAP and possessing adenine salvage pathway activity may be less susceptible to malignancy due to growth-inhibitory actions of agents (e.g. antifolates), whose mechanism of action, in part, involves this de novo purine pathway.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	283
Applicable Applications for anti-MTAP antibody	IHC (Immunohistochemistry)
Positive Control	HepG2, A431, HeLa or MCF-7 cells. Human kidney tissues (IHC).
Immunogen	Recombinant human MTAP protein fragment (aa97-196) (exact sequence is proprietary)
Cellular Localization	Cytoplasmic
Hu-chromosome Location	9p21.3
Antibody Type	Recombinant Mouse Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Kidney stained with MTAP Recombinant Mouse Monoclonal Antibody (rMTAP/1813).

SDS-PAGE
SDS-PAGE Analysis Purified MTAP Recombinant Mouse Monoclonal Antibody (rMTAP/1813).
Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Kidney stained with MTAP Recombinant Mouse Monoclonal Antibody (rMTAP/1813).

ADDITIONAL INFORMATION

References	Nobori, T., et al. 1996. Proc. Natl. Acad. Sci. USA 93: 6203-6208.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47132622
NCBI GeneID	4507
NCBI Accession #	NP_002442
NCBI GenBank Nucleotide #	NP_002442.2
UniProt Accession #	Q13126
Molecular Weight	31kDa
NCBI Official Full Name	S-methyl-5'-thioadenosine phosphorylase
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
UniProt Protein Name	S-methyl-5'-thioadenosine phosphorylase

UniProt Gene Name	MTAP
UniProt Entry Name	MTAP_HUMAN

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-antibody/mtap/215091>