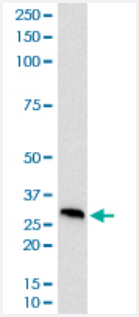
MTAP monoclonal antibody, clone MTAP/1813

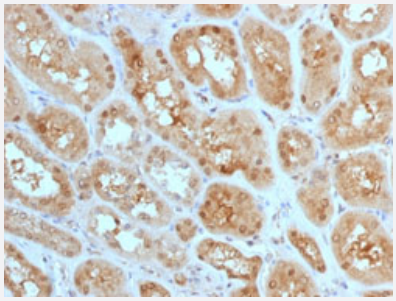
Catalog # MAB21312 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of A431 cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney.

Specification

Product Description	Mouse monoclonal antibody raised against partial human MTAP.
Immunogen	Recombinant protein corresponding to amino acids 97-196 of human MTAP.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, kappa

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Recommend Usage	ELISA (2-4 ug/mL for coating) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  Western Blot (cell lysate) analysis of A431 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human kidney.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MTAP

Entrez GeneID	4507
Protein Accession#	Q13126
Gene Name	MTAP
Gene Alias	MSAP, c86fus
Gene Description	methylthioadenosine phosphorylase
Omim ID	156540
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that plays a major role in polyamine metabolism and is important f or 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 splic ed transcript variants have been described for this gene, but their full-length natures remain unkno wn. [provided by RefSeq
Other Designations	5'-methylthioadenosine phosphorylase|MeSAdo phosphorylase|OTTHUMP00000021152

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Pathway

- Cysteine and methionine metabolism
- Metabolic pathways

Disease

- Brain Ischemia
- Diabetes Mellitus
- Gastrointestinal Neoplasms
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease
- Hyperlipidemias
- Hypertension
- Intracranial Embolism
- Melanoma
- Myocardial Infarction
- Neoplasms
- Nevus
- Precancerous Conditions
- Skin Neoplasms
- Sunburn

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