

MTAP rabbit monoclonal antibody

Catalog # H00004507-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MTAP peptide using ARM Technology.
Immunogen	A synthetic peptide of human MTAP is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MTAP peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MTAP

Entrez GeneID	4507
GeneBank Accession#	MTAP
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 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]
Other Designations	5'-methylthioadenosine phosphorylase MeSAdo phosphorylase OTTHUMP00000021152

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](#)