

## Recombinant MTAP Monoclonal Antibody

catalog number: AN301807L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

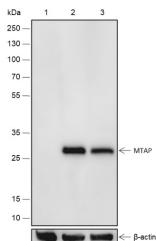
Reactivity	Human;Mouse
Immunogen	Recombinant human MTAP fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A519
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

WB	1:1000-1:3000
IHC	1:50-1:100

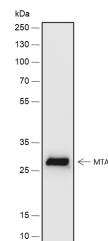
### Data



Western Blot with MTAP Monoclonal Antibody at dilution of 1:3000. Lane 1: A549 (Negative control), Lane 2: HT-29, Lane 3: HeLa

**Observed-MW:31 kDa**

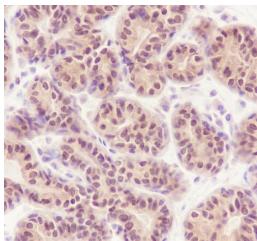
**Calculated-MW:31 kDa**



Western Blot with MTAP Monoclonal Antibody at dilution of 1:3000. Lane 1: NIH/3T3

**Observed-MW:31 kDa**

**Calculated-MW:31 kDa**



Immunohistochemistry of paraffin-embedded Human breast using MTAP Monoclonal Antibody at dilution of 1:100.

### Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

### Background

### For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

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Rev. V1.1

MTAP is an enzyme essential for the salvage pathway for both adenine and methionine synthesis. MTAP catalyzes the cleavage of 5'-methylthioadenosine into adenine and 5-methylthio-D-ribose-1-phosphate. Adenine is then used to generate AMP whereas 5-methylthio-D-ribose-1-phosphate is converted into methionine. MTAP is expressed in all normal cells and tissues, although frequently lost in different human tumors including pancreatic adenocarcinoma, neuroendocrine tumors, non-small cell lung carcinoma and breast carcinoma, thereby implicating its potential function as a tumor suppressor.

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