

# HRP-conjugated MTAP Monoclonal antibody

Catalog Number: **HRP-66706**

## Basic Information

**Catalog Number:**

HRP-66706

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG17954

**GenBank Accession Number:**

BC018625

**GeneID (NCBI):**

4507

**UNIPROT ID:**

Q13126

**Full Name:**

methylthioadenosine phosphorylase

**Calculated MW:**

283 aa, 31 kDa

**Observed MW:**

31 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

2B1G6

**Recommended Dilutions:**

WB 1:1000-1:4000

## Applications

**Tested Applications:**

WB

**Species Specificity:**

Human, Mouse, Rat

**Positive Controls:**

WB : NIH/3T3 cells,

## Background Information

MTAP is a 5-deoxy-5-methylthioadenosine (MTA) phosphorylase, converting MTA to salvageable intermediates including adenine and 5-methylthioribose-1-phosphate. MTAP is abundant in normal cells, but it is frequently found to be deleted in a variety of cancers. Its deficiency is common in cancer cell lines as well as in primary leukemia, lung cancer, melanoma, bladder cancer, gliomas and breast cancer.

## Storage

**Storage:**

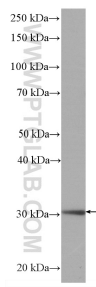
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with HRP-66706 (MTAP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.