

For Research Use Only

# HRP-conjugated MTAP Monoclonal antibody



Catalog Number: HRP-66706

## Basic Information

<b>Catalog Number:</b> HRP-66706	<b>GenBank Accession Number:</b> BC018625	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4507	<b>CloneNo.:</b> 2B1G6
<b>Source:</b> Mouse	<b>Full Name:</b> methylthioadenosine phosphorylase	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 283 aa, 31 kDa	
<b>Immunogen Catalog Number:</b> AG17954	<b>Observed MW:</b> 31 kDa	

## Applications

<b>Tested Applications:</b> WB	<b>Positive Controls:</b> WB : NIH/3T3 cells,
<b>Species Specificity:</b> Human, Mouse, Rat	

## 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

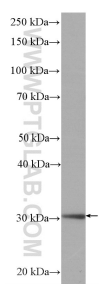
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## 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.