

# CoraLite® Plus 488-conjugated MTAP Monoclonal antibody

Catalog Number: **CL488-66706**

## Basic Information

<b>Catalog Number:</b> CL488-66706	<b>GenBank Accession Number:</b> BC018625	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 4507	<b>CloneNo.:</b> 2B1G6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q13126	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> methylthioadenosine phosphorylase	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG17954	<b>Calculated MW:</b> 283 aa, 31 kDa	
	<b>Observed MW:</b> 31 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> Human, Mouse, Rat	

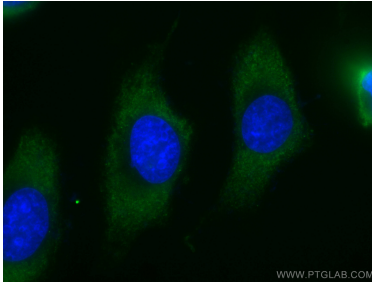
## Background Information

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**

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite® Plus 488-conjugated MTAP antibody (CL488-66706, Clone: 2B1G6 ) at dilution of 1:100.