For Research Use Only

CoraLite®594-conjugated MTAP Monoclonal antibody

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Antibodies | ELISA kits | Proteins
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Catalog Number:CL594-66706

Basic Information

Catalog Number:
CL594-66706

Size:
100ul , Concentration: 1000 µg/ml by Nanodrop;

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:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF

Species Specificity:
Human, Mouse, Rat

Positive Controls:

IF/ICC : HeLa 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.

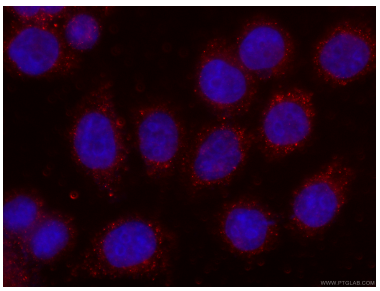
Storage

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

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)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL594-66706 (MTAP antibody) at dilution of 1:100.