

For Research Use Only

HRP-conjugated MTAP Monoclonal antibody



Catalog Number: HRP-66706

Basic Information

Catalog Number:

HRP-66706

Size:

1000 μ g/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

For technical support and original validation data for this product please contact:

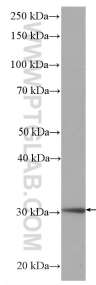
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.