

For Research Use Only

MTAP Recombinant antibody, PBS Only

Catalog Number: 83005-5-PBS



Basic Information

Catalog Number: 83005-5-PBS	GenBank Accession Number: BC018625	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4507	CloneNo.: 240030E5
Source: Rabbit	UNIPROT ID: Q13126	
Isotype: IgG	Full Name: methylthioadenosine phosphorylase	
Immunogen Catalog Number: AG2051	Calculated MW: 283 aa, 31 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

Species Specificity:
human

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

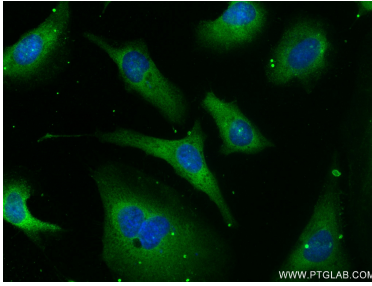
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

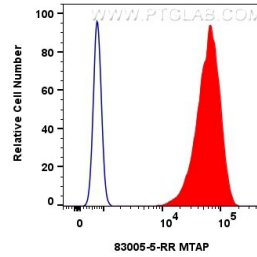
For technical support and original validation data for this product please contact:
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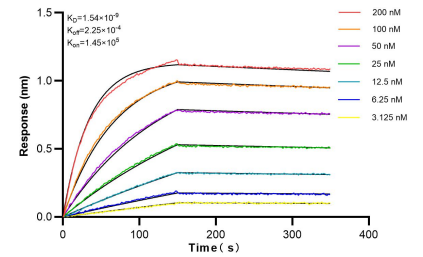
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using MTAP antibody (83005-5-RR, Clone: 240030E5) at dilution of 1:250 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 83005-5-PBS in a different storage buffer formulation.



1×10^6 HeLa cells were intracellularly stained with 0.25 μ g MTAP Recombinant antibody (83005-5-RR, Clone:240030E5) and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 μ g Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83005-5-PBS in a



Bi-layer interferometry (BLI) kinetic assays of 83005-5-RR against Human MTAP were performed. The affinity constant is 1.54 nM.