

For Research Use Only

MCTS1 Monoclonal antibody

Catalog Number: 68360-1-Ig



Basic Information

Catalog Number: 68360-1-Ig	GenBank Accession Number: BC001013	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 28985	CloneNo.: 1F10C7
Source: Mouse	UNIPROT ID: Q9ULC4	Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: malignant T cell amplified sequence 1	
Immunogen Catalog Number: AG7057	Calculated MW: 21 kDa	
	Observed MW: 19 kDa	

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human

Positive Controls:

WB : U2OS cells, HeLa cells, Raji cells, Jurkat cells, K-562 cells, MOLT-4 cells

IF/ICC : HeLa cells,

Background Information

MCTS1 is an anti-oncogene that plays a role in cell cycle regulation. It can reduce cell doubling time and anchor-dependent growth. The G1 transition time and the duration of the G1 / S transition are shortened. It can also promote the release of deacylated tRNA and mRNA from recycled 40S subunits following ABCE1-mediated dissociation of post-termination ribosomal complexes into subunits (PMID: 10440924).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

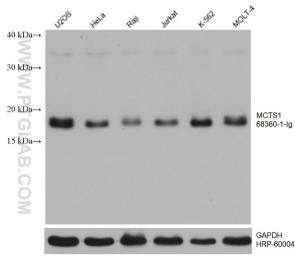
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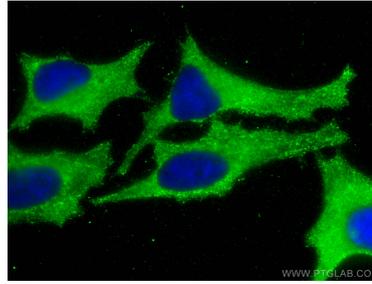
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68360-1-ig (MCTS1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using MCTS1 antibody (68360-1-ig, Clone: 1F10C7) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).