

For Research Use Only

MCTS1 Monoclonal antibody

Catalog Number: 68360-1-Ig



Basic Information

Catalog Number:

68360-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7057

GenBank Accession Number:

BC001013

GeneID (NCBI):

28985

UNIPROT ID:

Q9ULC4

Full Name:

malignant T cell amplified sequence

1

Calculated MW:

21 kDa

Observed MW:

19 kDa

Purification Method:

Protein G purification

CloneNo.:

1F10C7

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:400-1:1600

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

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

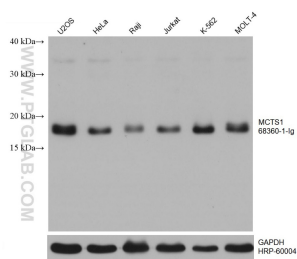
T: 4006900926

E: Proteintech-CN@ptglab.com

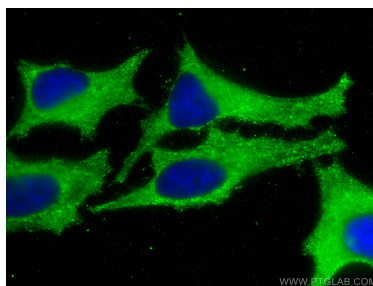
W: ptgcn.com

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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).