

For Research Use Only

MCTS1 Recombinant antibody

Catalog Number:84312-5-RR



Basic Information

Catalog Number: 84312-5-RR	GenBank Accession Number: BC001013	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 28985	CloneNo.: 241576H1
Source: Rabbit	UNIPROT ID: Q9ULC4	Recommended Dilutions: IHC 1:50-1:500 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: malignant T cell amplified sequence	
Immunogen Catalog Number: AG6968	Calculated MW: 21 kDa	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls: IHC : mouse bladder tissue, IF/ICC : Jurkat cells,
Species Specificity: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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:

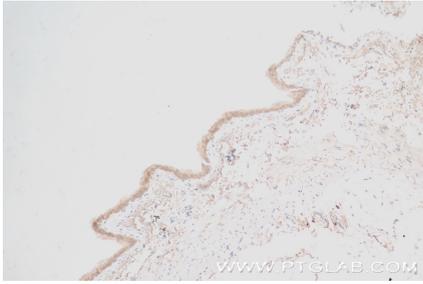
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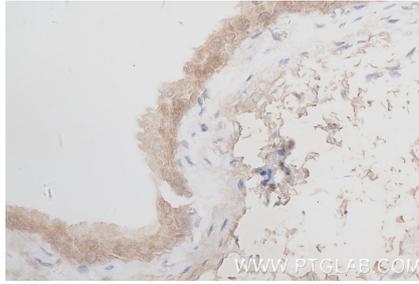
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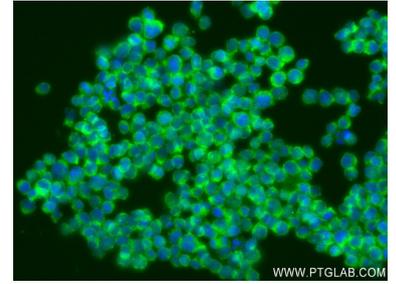
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse bladder tissue slide using 84312-5-RR (MCTS1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse bladder tissue slide using 84312-5-RR (MCTS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using MCTS1 antibody (84312-5-RR, Clone: 241576H1) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).