

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:                     | 100ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI):            | 28985                               | CloneNo.:              | 241576H1                             |
| Source:                   | Rabbit   | UNIPROT ID:               | Q9ULC4                              | Recommended Dilutions: | IHC 1:50-1:500<br>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: |                       |
| Species Specificity:   | human, mouse       | IHC :              | mouse bladder tissue, |
|  |                    | IF/ICC :           | Jurkat cells,         |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |                    |                    |                       |

## 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

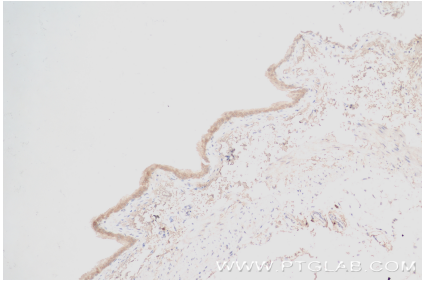
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

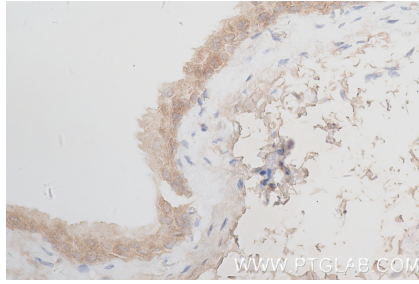
For technical support and original validation data for this product please contact:  
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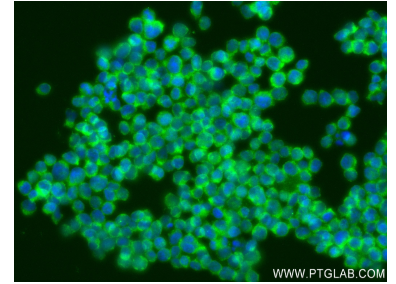
## Selected Validation Data



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).