

For Research Use Only

# MCTS1 Recombinant antibody

Catalog Number: 84312-2-RR



## Basic Information

<b>Catalog Number:</b> 84312-2-RR	<b>GenBank Accession Number:</b> BC001013	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 28985	<b>CloneNo.:</b> 241576F2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9ULC4	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> malignant T cell amplified sequence	
<b>Immunogen Catalog Number:</b> AG6968	<b>1</b>	
	<b>Calculated MW:</b> 21 kDa	
	<b>Observed MW:</b> 18-21 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> HeLa cells, Jurkat cells, K-562 cells, mouse brain tissue

## 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:

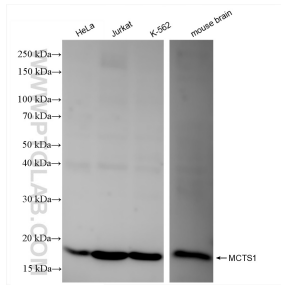
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

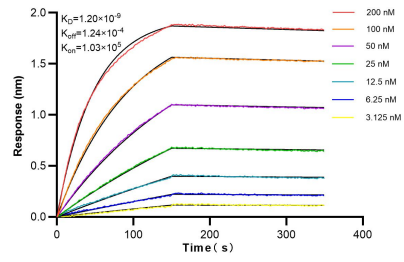
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84312-2-RR (MCTS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84312-2-RR against Human MCTS1 were performed. The affinity constant is 1.20 nM.