

For Research Use Only

MCTS1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84312-2-PBS



Basic Information

Catalog Number: 84312-2-PBS	GenBank Accession Number: BC001013	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 28985	CloneNo.: 241576F2
Source: Rabbit	UNIPROT ID: Q9ULC4	
Isotype: IgG	Full Name: malignant T cell amplified sequence	
Immunogen Catalog Number: AG6968	1	
	Calculated MW: 21 kDa	
	Observed MW: 18-21 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

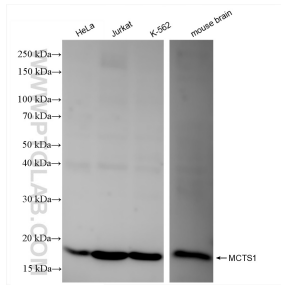
T: 4006900926

E: Proteintech-CN@ptglab.com

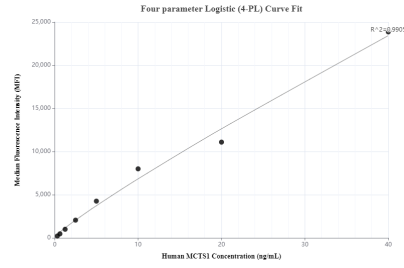
W: ptgcn.com

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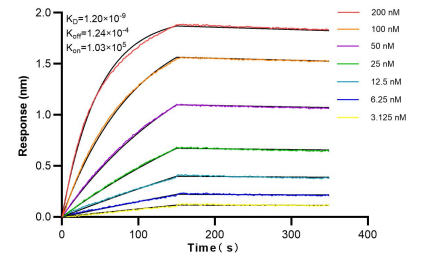
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84312-2-RR (MCTS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84312-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01214-2, MCTS1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84312-2-PBS. Detection antibody: 84312-3-PBS. Standard: Ag6968. Range: 0.313-40 ng/mL.



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