

For Research Use Only

# CoraLite® Plus 488-conjugated MCTS1 Monoclonal antibody

Catalog Number: CL488-68360



## Basic Information

Catalog Number: CL488-68360	GenBank Accession Number: BC001013	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 28985	CloneNo.: 1F10C7
Source: Mouse	UNIPROT ID: Q9ULC4	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: malignant T cell amplified sequence 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG7057	Calculated MW: 21 kDa	
	Observed MW: 19 kDa	

## Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

## Background Information

MCTS1 is an anti-oncogene that plays a role in cell cycle regulation, which can reduce cell doubling time and anchor-dependent growth. The G1 transition time and the duration of G1 / S transition are shortened. Can promote release of deacylated tRNA and mRNA from recycled 40S subunits following ABCE1-mediated dissociation of post-termination ribosomal complexes into subunits (PMID: 10440924).

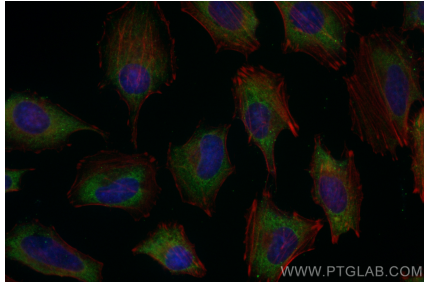
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 MCTS1 antibody (CL488-68360, Clone: 1F10C7 ) at dilution of 1:200.