

For Research Use Only

# CoraLite® Plus 488-conjugated MCTS1 Monoclonal antibody



Catalog Number: CL488-68360

## Basic Information

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

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> 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:

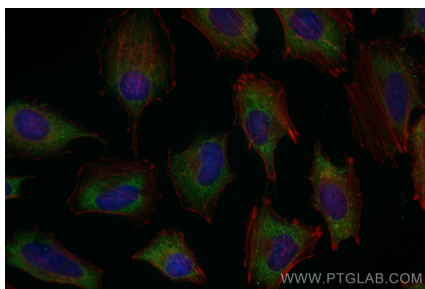
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## Selected Validation Data



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