

For Research Use Only

# CoraLite® Plus 488-conjugated MTMR9 Recombinant antibody

Catalog Number: CL488-83694-4



## Basic Information

<b>Catalog Number:</b> CL488-83694-4	<b>GenBank Accession Number:</b> BC022003	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 66036	<b>CloneNo.:</b> 240167G7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96QG7	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> myotubularin related protein 9	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG34134	<b>Calculated MW:</b> 63 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

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

## Background Information

MTMR9 (Myotubularin-related protein 9) acts as an adapter for myotubularin-related phosphatases (PMID: 19038970; 22647598). MTMR9 can increase lipid phosphatase MTMR6 catalytic activity, specifically towards phosphatidylinositol 3,5-bisphosphate and MTMR6 binding affinity for phosphorylated phosphatidylinositols (PMID: 19038970; 22647598). It can also increase MTMR8 catalytic activity towards phosphatidylinositol 3-phosphate and stabilize MTMR8 protein levels (PMID: 22647598).

## 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:

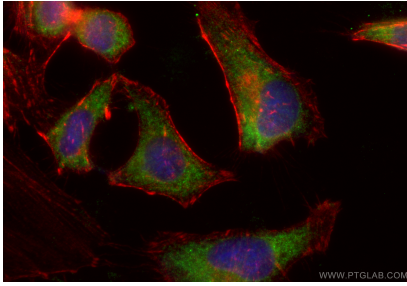
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite® Plus 488 MTMR9 antibody (CL488-83694-4, Clone: 240167G7 ) at dilution of 1:200, CL594-Phalloidin (red).