

For Research Use Only

CoraLite® Plus 488-conjugated MTMR9 Recombinant antibody

Catalog Number:CL488-83694-4



Basic Information

Catalog Number:

CL488-83694-4

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34134

GenBank Accession Number:

BC022003

GeneID (NCBI):

66036

UNIPROT ID:

Q96QG7

Full Name:

myotubularin related protein 9

Calculated MW:

63 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

240167G7

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

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:

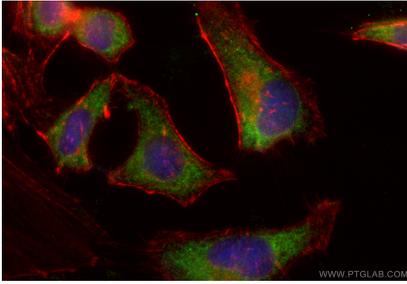
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).