

For Research Use Only

CoraLite® Plus 488-conjugated LETM1 Polyclonal antibody



Catalog Number: CL488-16024

Featured Product

Basic Information

Catalog Number: CL488-16024	GenBank Accession Number: BC021208	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3954	Recommended Dilutions: IF 1:400-1:1600
Source: Rabbit	Full Name: leucine zipper-EF-hand containing transmembrane protein 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 739 aa, 83 kDa	
Immunogen Catalog Number: AG8861	Observed MW: 83 kDa	

Applications

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

Background Information

LETM1 is a mitochondrial inner membrane protein. It functions to maintain the mitochondrial tubular shapes and is required for normal mitochondrial morphology and cellular viability. It served as an anchor protein for complex formation between mitochondria and ribosome, and regulated mitochondrial biogenesis. It was also identified in Wolf-Hirschhorn syndrome, and was deleted in nearly all patients with the syndrome. A recent study determined that adenovirus-mediated LETM1 may provide a useful target for designing lung tumor prevention and treatment.

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

*** 20ul sizes contain 0.1% BSA

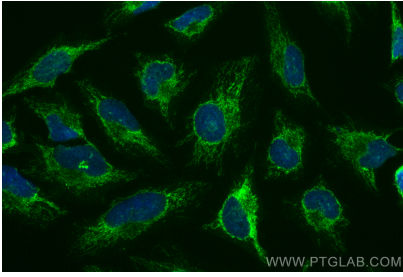
For technical support and original validation data for this product please contact:

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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 (4% PFA) fixed HeLa cells using CoraLite® Plus 488 LETM1 antibody (CL488-16024) at dilution of 1:800.