

For Research Use Only

CoraLite® Plus 488-conjugated LPIN1 Monoclonal antibody



Catalog Number: CL488-68124

Basic Information

Catalog Number: CL488-68124	GenBank Accession Number: BC030537	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23175	CloneNo.: 3G11B10
Source: Mouse	Full Name: lipin 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Calculated MW: 890 aa, 99 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG25813	Observed MW: 130 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : NIH/3T3 cells,
Species Specificity: Human, Rat, Mouse	

Background Information

LPIN1, also named as KIAA0188, belongs to the lipin family. It is a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis and therefore controls the metabolism of fatty acids at different levels. LPIN1 has a molecular weight of about 99 kDa but predicted bands around 130 kDa. (PMID:20231281, PMID:29765047).

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

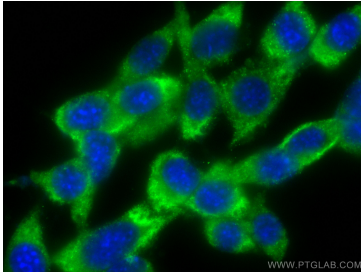
For technical support and original validation data for this product please contact:

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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 (-20°C Methanol) fixed NIH/3T3 cells using CoraLite® Plus 488 LPIN1 antibody (CL488-68124, Clone: 3G11B10) at dilution of 1:100.