

For Research Use Only

CoraLite® Plus 488-conjugated LRPPRC Monoclonal antibody



Catalog Number:CL488-67679

Basic Information

Catalog Number: CL488-67679	GenBank Accession Number: BC050311	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10128	CloneNo.: 3H7E1
Source: Mouse	Full Name: leucine-rich PPR-motif containing	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 1394 aa, 158 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Immunogen Catalog Number: AG30261	Observed MW: 130 kDa	

Applications

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

Background Information

LRPPRC (also called LRP130 or GP130) is a 130-kDa RNA-binding protein of the pentatricopeptide repeat family. LRPPRC localizes primarily to the mitochondria where it binds to poly(A) mRNA. It plays a role in translation or stability of mitochondrially encoded cytochrome c oxidase (COX) subunits. LRPPRC has also been shown to regulate nuclear gene transcription and to bind specific RNA molecules in both the nucleus and the cytoplasm. Mutations in LRPPRC gene are associated with the French-Canadian type of Leigh syndrome.

Storage

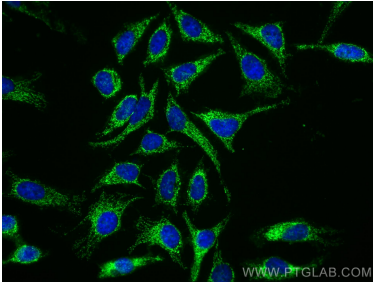
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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 LRPPRC antibody (CL488-67679, Clone: 3H7E1) at dilution of 1:200.