

For Research Use Only

CoraLite® Plus 488-conjugated CYB5R3 Monoclonal antibody



Catalog Number: CL488-66022

Featured Product

Basic Information

Catalog Number: CL488-66022	GenBank Accession Number: BC004821	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1727	CloneNo.: 9C4D10
Source: Mouse	Full Name: cytochrome b5 reductase 3	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 33 kDa	
Immunogen Catalog Number: AG18096	Observed MW: 33 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HepG2 cells, HeLa cells
Species Specificity: human	

Background Information

CYB5R3, also named as DIA1 and B5R, belongs to the flavoprotein pyridine nucleotide cytochrome reductase family. It plays an essential role in the mitochondrial metabolism by its contribution to cellular redox homeostasis. Overstimulation of CYB5R3 associated with lipid rafts can account for the overshoot of plasma membrane-focalized superoxide anion production that triggers the entry of CGN in the irreversible phase of apoptosis.

Storage

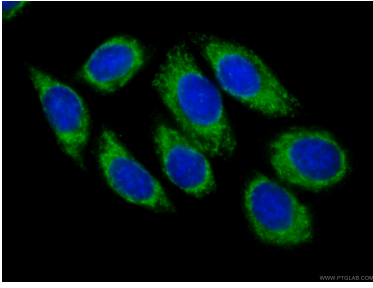
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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 (-20°C Ethanol) fixed HepG2 cells using CL488-66022 (CYB5R3 antibody) at dilution of 1:100.