

For Research Use Only

CoraLite® Plus 488-conjugated NDUFA4L2 Recombinant antibody

Catalog Number: CL488-84498



Basic Information

Catalog Number: CL488-84498	GenBank Accession Number: BC011910	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 56901	CloneNo.: 241622B12
Source: Rabbit	UNIPROT ID: Q9NRX3	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG9600	Calculated MW: 87 aa, 10 kDa	
	Observed MW: 10 kDa	

Applications

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

Background Information

NDUFA4L2 (NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4-like 2), also named as NUOMS, is a HIF-1 α target gene that localizes to the mitochondria and belongs to the complex I NDUFA4 subunit family. It downregulates oxygen consumption and Complex I activity in hypoxia. NDUFA4L2 is involved in hypoxic adaptation by decreasing mitochondrial ROS production.

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, pH7.3
Aliquoting is unnecessary for -20°C storage

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

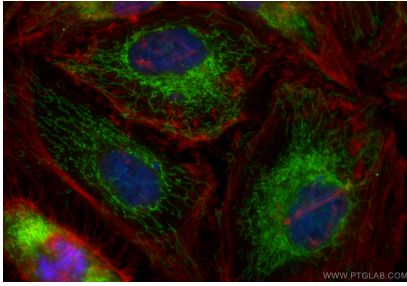
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 NDUFA4L2 antibody (CL488-84498, Clone: 241622B12) at dilution of 1:200, CL594-phalloidin (red).