

For Research Use Only

# CoraLite® Plus 488-conjugated NDUFA4L2 Recombinant antibody

Catalog Number: CL488-84498



## Basic Information

<b>Catalog Number:</b> CL488-84498	<b>GenBank Accession Number:</b> BC011910	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 56901	<b>CloneNo.:</b> 241622B12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NRX3	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG9600	<b>Calculated MW:</b> 87 aa, 10 kDa	
	<b>Observed MW:</b> 10 kDa	

## Applications

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

## Background Information

NDUFA4L2 (NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4-like 2), also named as NUOMS, is a HIF-1α 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, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

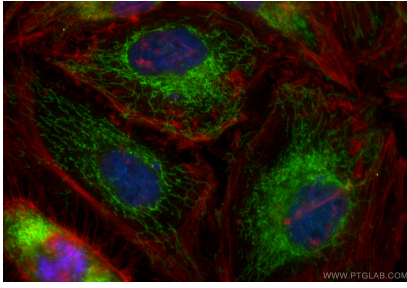
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

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.

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## 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).