

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 µg/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

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|---|---|
| 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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

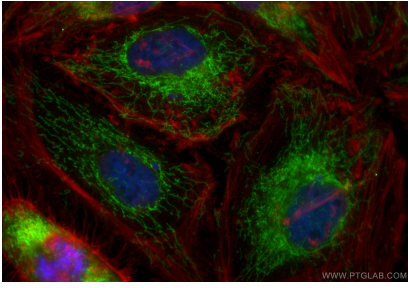
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).