For Research Use Only

CoraLite® Plus 488-conjugated NDUFA4L2 Monoclonal antibody

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:CL488-66050

Basic Information

Catalog Number:
CL488-66050

Size:
100ul , Concentration: 2000 µg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG9233

GenBank Accession Number:
BC011910

GeneID (NCBI):
56901

UNIPROT ID:
Q9NRX3

Full Name:
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2

Calculated MW:
87 aa, 10 kDa

Observed MW:
10 kDa

Purification Method:
Protein A purification

CloneNo.:
1G1H10

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF

Species Specificity:
human

Positive Controls:

IF/ICC : MCF-7 cells,

Background Information

NDUFA4L2, also named as NUOMS, is a HIF-1α target gene that localizes to the mitochondria. It downregulates oxygen consumption and Complex I activity in hypoxia. NDUFA4L2 is involved in hypoxic adaptation by decreasing mitochondrial ROS production.

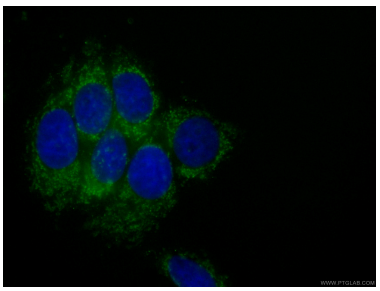
Storage

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.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CL488-66050 (NDUFA4L2 antibody) at dilution of 1:100.