

For Research Use Only

CoraLite®594-conjugated NDUFA4L2 Monoclonal antibody



Catalog Number:CL594-66050

Basic Information

Catalog Number: CL594-66050	GenBank Accession Number: BC011910	Purification Method: Protein A purification
Size: 100ul , Concentration: 977 µg/ml by Nanodrop;	GeneID (NCBI): 56901	CloneNo.: 1G1H10
Source: Mouse	Full Name: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2	Recommended Dilutions: 1 IF 1:50-1:500
Isotype: IgG2a	Calculated MW: 87 aa, 10 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG9233	Observed MW: 10 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : MCF-7 cells,
Species Specificity: human	

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

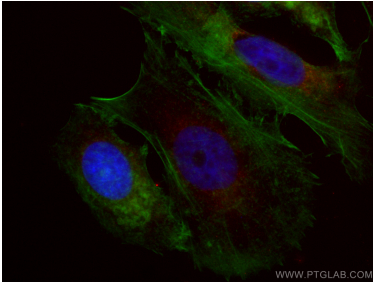
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 (4% PFA) fixed MCF-7 cells using CoraLite@594-conjugated NDUFA4L2 antibody (CL594-66050, Clone: 1G1H10) at dilution of 1:100, 488phalloidin (green).