

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: 977 µg/ml	GeneID (NCBI): 56901	CloneNo.: 1G1H10
Source: Mouse	UNIPROT ID: Q9NRX3	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2a	Full Name: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG9233	Calculated MW: 87 aa, 10 kDa	
	Observed MW: 10 kDa	

Applications

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

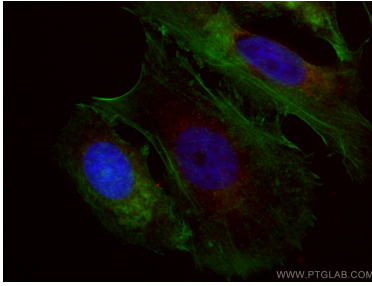
Background Information

NDUFA4L2, also named as NUOMS, is a HIF-1 α 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

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).