

# CoraLite® Plus 488-conjugated NDUFA4L2 Monoclonal antibody

Catalog Number: **CL488-66050**

## Basic Information

<b>Catalog Number:</b> CL488-66050	<b>GenBank Accession Number:</b> BC011910	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 56901	<b>CloneNo.:</b> 1G1H10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9NRX3	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG2a	<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> AG9233	<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 : MCF-7 cells,
<b>Species Specificity:</b> human	

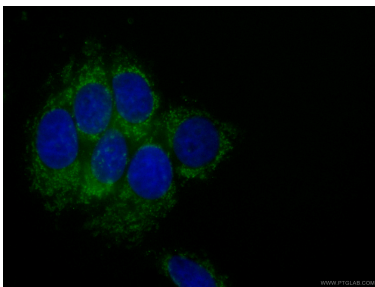
## Background Information

NDUFA4L2, also named as NUOMS, is a HIF-1 $\alpha$  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 CL488-66050 (NDUFA4L2 antibody) at dilution of 1:100.