

For Research Use Only

# CoraLite® Plus 488-conjugated COX5B Polyclonal antibody

Catalog Number:CL488-11418

Featured Product



## Basic Information

<b>Catalog Number:</b> CL488-11418	<b>GenBank Accession Number:</b> BC006229	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1329	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P10606	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> cytochrome c oxidase subunit Vb	
<b>Immunogen Catalog Number:</b> AG1986	<b>Calculated MW:</b> 129 aa, 14 kDa	
	<b>Observed MW:</b> 14 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

COX5B belongs to the cytochrome c oxidase subunit 5B family. It is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. COX5B and other 3 genes CKB, HBB, MBP are involved in respiration.(PMID:21295140)

## 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

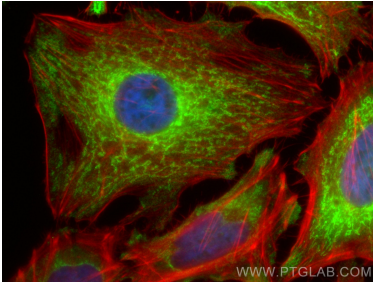
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 COX5B antibody (CL488-11418) at dilution of 1:200, CL594-Phalloidin (red).