

For Research Use Only

# CoraLite® Plus 488-conjugated COX5B Polyclonal antibody



Catalog Number: CL488-11418

Featured Product

## Basic Information

Catalog Number:

CL488-11418

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1986

GenBank Accession Number:

BC006229

GeneID (NCBI):

1329

UNIPROT ID:

P10606

Full Name:

cytochrome c oxidase subunit Vb

Calculated MW:

129 aa, 14 kDa

Observed MW:

14 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

## 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:

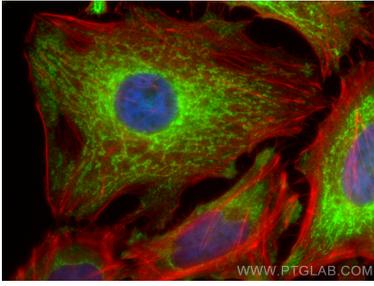
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 HeLa cells using CoraLite® Plus 488 COX5B antibody (CL488-11418) at dilution of 1:200, CL594-Phalloidin (red).