

For Research Use Only

# CoraLite® Plus 488-conjugated PYCR2 Polyclonal antibody

Catalog Number: CL488-17146

Featured Product



## Basic Information

Catalog Number:

CL488-17146

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10918

GenBank Accession Number:

BC020553

GeneID (NCBI):

29920

UNIPROT ID:

Q96C36

Full Name:

pyrroline-5-carboxylate reductase family, member 2

Calculated MW:

320 aa, 34 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:200-1:800

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

PYCR2, also named as P5CR2, belongs to the pyrroline-5-carboxylate reductase family. It catalyses the reaction: L-proline + NAD(P)<sup>+</sup> = 1-pyrroline-5-carboxylate + NAD(P)H. This antibody may have cross reaction to PYCR1 due to the high homology.

## 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:

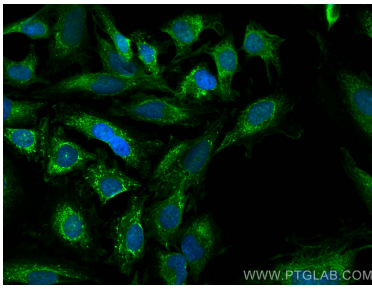
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 PYCR2 antibody (CL488-17146) at dilution of 1:400.