

For Research Use Only

CoraLite® Plus 488-conjugated PYCR2 Polyclonal antibody



Catalog Number: CL488-17146

Featured Product

Basic Information

Catalog Number: CL488-17146	GenBank Accession Number: BC020553	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 29920	Recommended Dilutions: IF 1:200-1:800
Source: Rabbit	Full Name: pyrroline-5-carboxylate reductase family, member 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 320 aa, 34 kDa	
Immunogen Catalog Number: AG10918	Observed MW: 34 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

PYCR2, also named as P5CR2, belongs to the pyrroline-5-carboxylate reductase family. It catalyses the reaction: L-proline + NAD(P)⁺ = 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

*** 20ul sizes contain 0.1% BSA

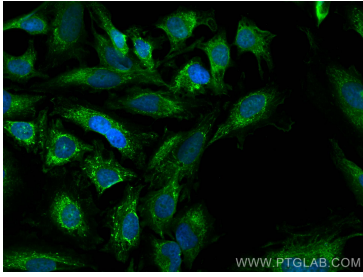
For technical support and original validation data for this product please contact:

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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.