

For Research Use Only

CoraLite® Plus 488-conjugated QPRT Polyclonal antibody



Catalog Number: CL488-25174

Basic Information

Catalog Number: CL488-25174	GenBank Accession Number: BC018910	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23475	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q15274	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: quinolinate phosphoribosyltransferase	
Immunogen Catalog Number: AG17680	Calculated MW: 297 aa, 31 kDa	
	Observed MW: 31 kDa	

Applications

Tested Applications: IF, FC (Intra)	Positive Controls: IF : HepG2 cells,
Species Specificity: human	

Background Information

QPRT, QAPRTase and QPRTase, is Nicotinate-nucleotide pyrophosphorylase which involved in the catabolism of quinolinic acid (QA). There're some isoforms with MW 31-33 kDa, 37 kDa and 42 kDa.

Storage

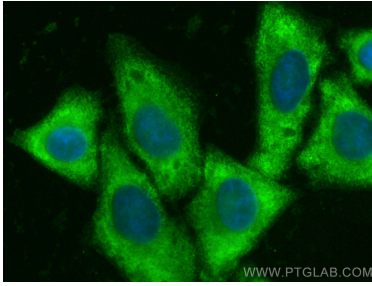
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

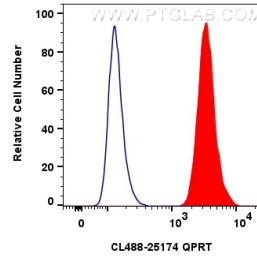
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 QPRT antibody (CL488-25174) at dilution of 1:200.



1x10⁶ HepG2 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488-conjugated QPRT Polyclonal antibody (CL488-25174)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).