

For Research Use Only

# CoraLite® Plus 488-conjugated QPRT Polyclonal antibody



Catalog Number: CL488-25174

## Basic Information

Catalog Number:

CL488-25174

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17680

GenBank Accession Number:

BC018910

GeneID (NCBI):

23475

UNIPROT ID:

Q15274

Full Name:

quinolinate  
phosphoribosyltransferase

Calculated MW:

297 aa, 31 kDa

Observed MW:

31 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, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

## 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

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

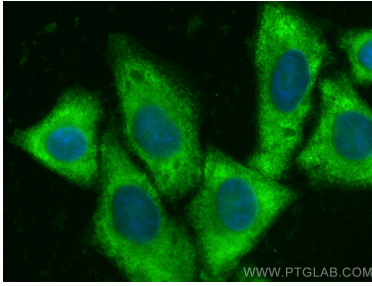
T: 4006900926

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

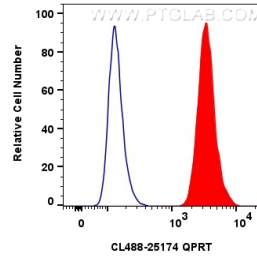
W: [ptgcn.com](http://ptgcn.com)

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## 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.



$1 \times 10^6$  HepG2 cells were intracellularly stained with 0.8  $\mu$ g CoraLite® Plus 488-conjugated QPRT Polyclonal antibody (CL488-25174)(red), or 0.8  $\mu$ g 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).