

For Research Use Only

# CoraLite® Plus 488-conjugated HPRT Polyclonal antibody

Catalog Number: CL488-15059

Featured Product



## Basic Information

Catalog Number:

CL488-15059

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7044

GenBank Accession Number:

BC000578

GeneID (NCBI):

3251

UNIPROT ID:

P00492

Full Name:

hypoxanthine phosphoribosyltransferase 1

Calculated MW:

25 kDa

Observed MW:

24-28 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

HPRT, also named HPRT1 and HGPRT, plays a central role in the generation of purine nucleotides through the purine salvage pathway. Mutation of HPRT1 is associated with Lesch-Nyhan syndrome (LNS) which is an X-linked inherited neurogenetic disorder of purine metabolism. It has been reported that HPRT1 also plays an important role in HPRT-related gout.

## 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

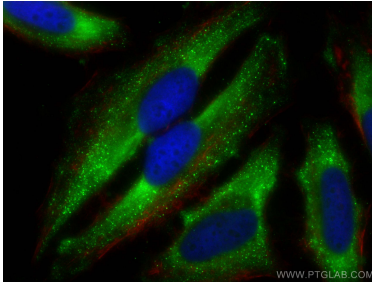
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 HPRT antibody (CL488-15059) at dilution of 1:200, CL594-Phalloidin (red).