

For Research Use Only

# CoraLite® Plus 488-conjugated PHIP Polyclonal antibody



Catalog Number: **CL488-20933**

## Basic Information

Catalog Number:

CL488-20933

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14968

GenBank Accession Number:

BC008909

GeneID (NCBI):

55023

UNIPROT ID:

Q8WWQ0

Full Name:

pleckstrin homology domain  
interacting protein

Calculated MW:

1821 aa, 207 kDa

Observed MW:

207 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, mouse

Positive Controls:

IF/ICC : MCF-7 cells,

## Background Information

PHIP is a protein that binds to the insulin receptor substrate 1 protein and regulates glucose transporter translocation in skeletal muscle cells. PHIP may also regulate growth and survival of pancreatic beta cells. Elevated copy number of this gene may be associated with melanoma severity and the encoded protein may promote melanoma metastasis in human patients.

## 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:

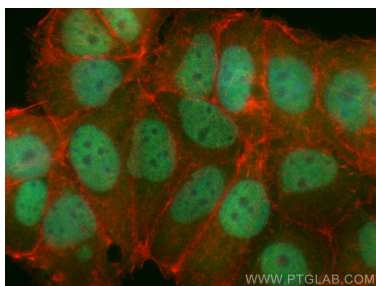
T: 4006900926

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

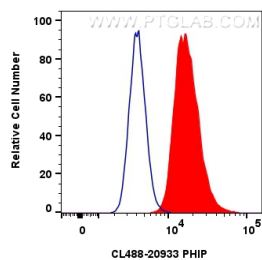
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 PHIP antibody (CL488-20933) at dilution of 1:200, CL594-phalloidin (red).



1x10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488-conjugated PHIP Polyclonal antibody (CL488-20933)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).