

For Research Use Only

CoraLite® Plus 488-conjugated PHLPP Polyclonal antibody



Catalog Number: **CL488-22789**

Featured Product

Basic Information

Catalog Number:

CL488-22789

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18794

GenBank Accession Number:

BC126277

GeneID (NCBI):

23239

UNIPROT ID:

O60346

Full Name:

PH domain and leucine rich repeat
protein phosphatase

Calculated MW:

1717 aa, 184 kDa

Observed MW:

185 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:200-1:800

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

PHLPP (PH domain leucine-rich-repeats protein phosphatase) belongs to a novel family of Ser/Thr protein phosphatases that consists of PHLPP1 and PHLPP2 isoforms. It has been shown that PHLPP negatively regulates multiple oncogenic pathways by directly dephosphorylating and inactivating key signaling molecules, including Akt, S6K, and RAF1. Observed MW of PHLPP is 185 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:

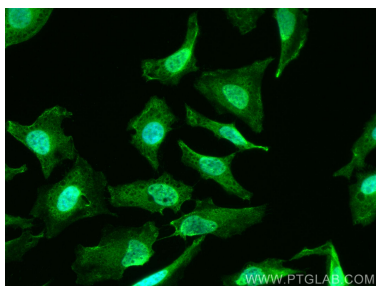
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 PHLPP antibody (CL488-22789) at dilution of 1:400.