

For Research Use Only

CoraLite® Plus 488-conjugated PIP5K1A Polyclonal antibody



Catalog Number: CL488-15713

Featured Product

Basic Information

Catalog Number:

CL488-15713

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8340

GenBank Accession Number:

BC007833

GeneID (NCBI):

8394

UNIPROT ID:

Q99755

Full Name:

phosphatidylinositol-4-phosphate 5-kinase, type I, alpha

Calculated MW:

56 kDa, 63 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Background Information

Phosphatidylinositol 4-phosphate 5-kinases (PIP5Ks) play diverse roles in the cellular biology of many organisms, including signal transduction, secretion and vesicular trafficking, and regulation of cytoskeleton assembly (PMID:17688436). There are three PIP5K isoforms, α , β , and γ . The nomenclature for the α and β isoforms is switched between humans and mice (PMID:22096541). There are also several splicing variants of the γ isozyme have been identified (PMID:20945365). PIP5K1A has some isoforms produced by alternative splicing with the molecular mass of 56-63 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:

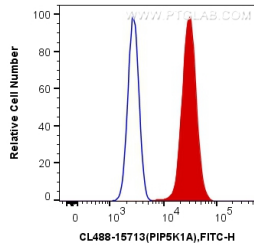
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human PIP5K1A (CL488-15713) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).