

For Research Use Only

CoraLite® Plus 488-conjugated PI4KA Recombinant antibody

Catalog Number: CL488-82938



Basic Information

Catalog Number:

CL488-82938

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3062

GenBank Accession Number:

BC018120

GeneID (NCBI):

5297

UNIPROT ID:

P42356

Full Name:

phosphatidylinositol 4-kinase,
catalytic, alpha

Calculated MW:

2044 aa, 231 kDa

Observed MW:

231 kDa

Purification Method:

Protein A purification

CloneNo.:

230057G2

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 : MCF-7 cells,

Background Information

PI4KA, also named as PIK4, PIK4CA, belongs to the PI3/PI4-kinase family and Type III PI4K subfamily. It acts on phosphatidylinositol (PtdIns) in the first committed step in the production of the second messenger inositol-1,4,5-trisphosphate. PI4KA plays a role in the formation of membrane complexes where HCV replication takes place. (PMID:19605471).

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:

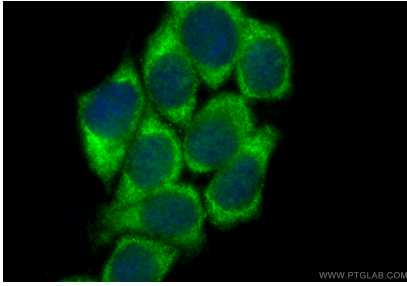
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® Plus 488 PI4KA antibody (CL488-82938, Clone: 230057G2) at dilution of 1:200.