

For Research Use Only

# CoraLite® Plus 488-conjugated PI4KA Recombinant antibody

Catalog Number: CL488-82938



## Basic Information

Catalog Number:

CL488-82938

Concentration:

1000 ug/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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

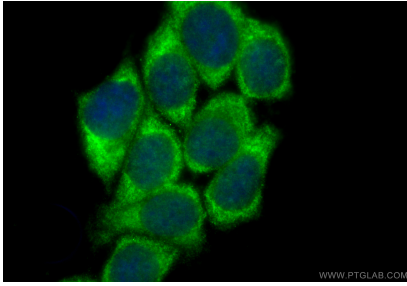
T: 4006900926

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

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

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.