For Research Use Only

CoraLite® Plus 488-conjugated PIK3C2A Recombinant monoclonal antibody

Catalog Number:CL488-88380

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL488-88380

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16894

GenBank Accession Number:
BC113658

GeneID (NCBI):
5286

UNIPROT ID:
O00443

Full Name:
phosphoinositide-3-kinase, class 2, alpha polypeptide

Calculated MW:
1686 aa, 191 kDa

Observed MW:
191 kDa

Purification Method:
Protein A purification

CloneNo.:
260864A5

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 : HeLa cells,

Background Information

PIK3C2A, also known as PI3K-C2alpha, is a member of phosphatidylinositol -4- phosphate 3- kinase (PI3K) family. Genes in this family play a key role in cell signal transduction. The main function of PIK3C2A is to participate in the metabolism of phosphatidylinositol in cells, specifically, it is responsible for converting phosphatidylinositol -4-phosphate (PIP) into phosphatidylinositol -3,4- diphosphate (PIP2).

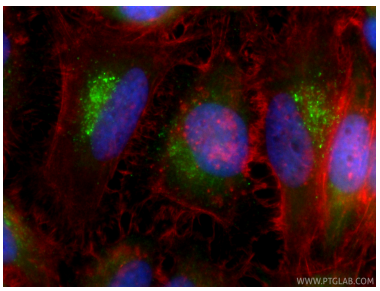
Storage

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 Ethanol) fixed HeLa cells using CoraLite® Plus 488 PIK3C2A antibody (CL488-88380, Clone: 260864A5) at dilution of 1:200, CL594-phalloidin (red).