For Research Use Only

CoraLite® Plus 647-conjugated Phospho-CRKL (Tyr207) Recombinant monoclonal antibody

Catalog Number:CL647-84590-2

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

Basic Information

Catalog Number:
CL647-84590-2

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC043500

GeneID (NCBI):
1399

UNIPROT ID:
P46109

Full Name:
v-crk sarcoma virus CT10 oncogene homolog (avian)-like

Calculated MW:
34 kDa

Observed MW:
39 kDa

Purification Method:
Protein A purification

CloneNo.:
240881A2

Recommended Dilutions:
FC (Intra): 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse

Positive Controls:

FC (Intra) : NIH/3T3 cells,

Background Information

CrkL (v-crk avian sarcoma virus CT10 oncogene homolog-like) is a cytoplasmic adaptor protein that belongs to the Crk family of adaptors. Similar to other adaptor proteins, Crk functions primarily to assemble molecular complexes to distribute signals within the cell. The best studied regulatory mechanism of Crk proteins is the phosphorylation at a tyrosine located in a linker between the N- and C-terminal SH3 domains (Tyr221 in human CrkII, Tyr207 in human CrkL). (PMID: 24675776)

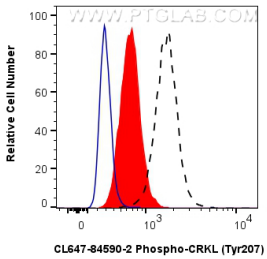
Storage

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:
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Selected Validation Data



1X10^6 NIH/3T3 cells untreated (dashed lines) or treated with λ phosphatase which intracellularly stained with 0.25 ug Coralite® Plus 647 Phospho-CRKL (Tyr207) Recombinant Antibody (CL647-84590-2, Clone:240881A2)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Flow Cytometry Phosphorylated Protein Fixation/Permeabilization Kit (PF00026).