

For Research Use Only

Phospho-CRKL (Tyr207) Recombinant antibody

Catalog Number: 84590-1-RR



Basic Information

Catalog Number:

84590-1-RR

Concentration:

1000 µg/ml

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.:

240881B3

Recommended Dilutions:

WB: 1:500-1:2000

FC (Intra): 0.06 µg per 10⁶ cells in a
100 µl suspension

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human, mouse

Positive Controls:

WB: NIH/3T3 cells, λ phosphatase treated NIH/3T3
cells

FC (Intra): λ phosphatase treated K-562 cells,

Background Information

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

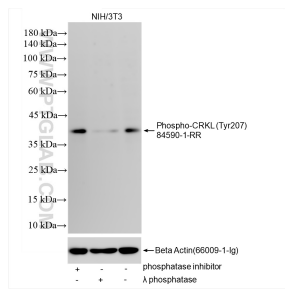
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E: Proteintech-CN@ptglab.com

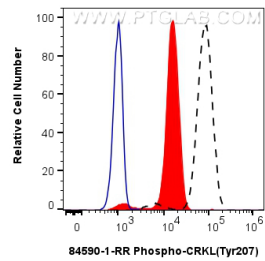
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Selected Validation Data



Non-treated NIH/3T3 cells, phosphatase inhibitor treated NIH/3T3 cells and λ phosphatase treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 84590-1-RR (Phospho-CRKL (Tyr207) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Actin (66009-1-Ig) antibody as a loading control.



1X10⁶ K-562 cells untreated (dashed lines) or treated with λ phosphatase which intracellularly stained with 0.06 ug Phospho-CRKL (Tyr207) Recombinant antibody (84590-1-RR, Clone:240881B3) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.06 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.