

For Research Use Only

CoraLite® Plus 647-conjugated Phospho-c-SRC (Ser17) Recombinant monoclonal antibody

Catalog Number: CL647-80706-3



Basic Information

Catalog Number:

CL647-80706-3

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC011566

GeneID (NCBI):

6714

ENSEMBL Gene ID:

ENSG00000197122

UNIPROT ID:

P12931

Full Name:

v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

250845F12

Recommended Dilutions:

FC (Intra): 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra) : λ phosphatase treated HEK-293 cells,

Background Information

SRC, also named as SRC1 and p60-Src, belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. The phosphorylation of c-SRC at Ser17 is essential for its activation. This phosphorylation event is often mediated by protein kinase A (PKA) and is crucial for downstream signaling events. (PMID: 23360994)

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

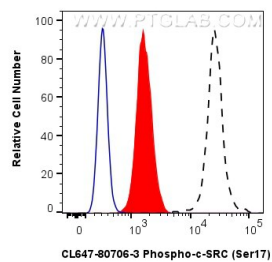
For technical support and original validation data for this product please contact:

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

Selected Validation Data



1×10^6 HEK-293 cells were untreated (dashed lines) or treated with λ phosphatase which intracellularly stained with 0.25 μ g Coralite® Plus 647 Phospho-C-SRC (Ser17) Recombinant Antibody (CL647-80706-3, Clone:250845F12)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed and permeabilized with Flow Cytometry Phosphorylated Protein Fixation/Permeabilization Kit (PF00026).