For Research Use Only

CoraLite® Plus 488-conjugated Phospho-c-SRC (Ser17) Recombinant monoclonal antibody

Catalog Number:CL488-80706-3

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

Basic Information

Catalog Number:
CL488-80706-3

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 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Positive Controls:

FC (Intra) : λ phosphatase treated HEK-293T 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)

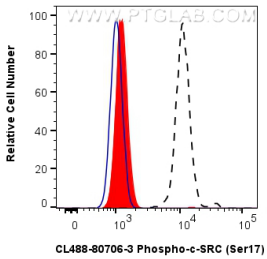
Storage

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



1X10^6 HEK-293T cells untreated (dashed lines) or treated with λ phosphatase which intracellularly stained with 0.25 ug Coralite® Plus 488 Phospho-C-SRC (Ser17) Recombinant Antibody (CL488-80706-3, Clone:250845F12)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Flow Cytometry Phosphorylated Protein Fixation/Permeabilization Kit (PF00026).