

Src(Phospho-Y419) Rabbit mAb

Catalog No: #13367



Package Size: #13367-1 50ul #13367-2 100ul

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Description

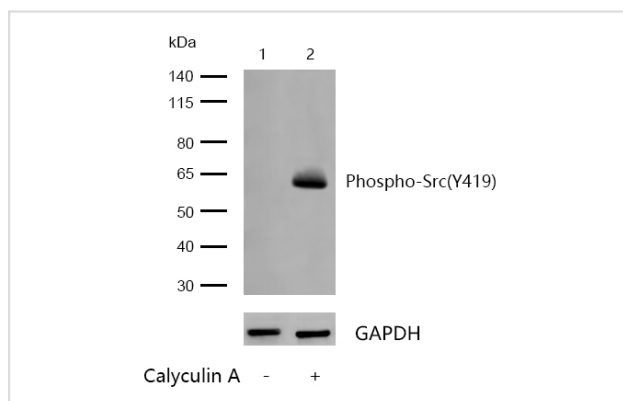
Product Name	Src(Phospho-Y419) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	ST0800
Purification	ProA affinity purified
Applications	WB;ICC/IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Tyr419 of human Src.
Conjugates	Unconjugated
Other Names	ASV antibody Avian sarcoma virus antibody c SRC antibody CDNA FLJ14219 fis clone NT2RP3003800 highly similar to Rattus norvegicus tyrosine protein kinase pp60 c src mRNA antibody cSrc antibody EC 2.7.10.2 antibody Neuronal CSRC tyrosine specific protein kinase antibody Neuronal SRC antibody Oncogene SRC antibody OTTHUMP00000174476 antibody OTTHUMP00000174477 antibody p60 Src antibody p60-Src antibody p60Src antibody pp60c src antibody pp60c-src antibody pp60csrc antibody Proto oncogene tyrosine protein kinase Src antibody Proto-oncogene c-Src antibody Proto-oncogene tyrosine-protein kinase Src antibody Protooncogene SRC antibody Protooncogene SRC Rous sarcoma antibody Src antibody SRC Oncogene antibody SRC proto oncogene non receptor tyrosine kinase antibody SRC_HUMAN antibody SRC1 antibody Tyrosine kinase pp60c src antibody Tyrosine protein kinase SRC 1 antibody Tyrosine protein kinase SRC1 antibody v src avian sarcoma (Schmidt Rupp A2) viral oncogene homolog antibody V src sarcoma (Schmidt Rupp A 2) viral oncogene homolog (avian) antibody v src sarcoma (Schmidt Rupp A 2) viral oncogene homolog avian antibody
Accession No.	Swiss-Prot#:P12931
Calculated MW	60 kDa
SDS-PAGE MW	60 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2000

ICC/IF: 1:50-1:200

Images



All lanes : Src(Phospho-Y419) Rabbit mAb at 1/1k dilution

Lane 1 : HeLa whole cell lysates

Lane 2 : HeLa treated with 200nM Calyculin A and 1uM

Okadaic Acid for 1 hours whole cell lysate

Lysates/proteins at 20 µg per lane.

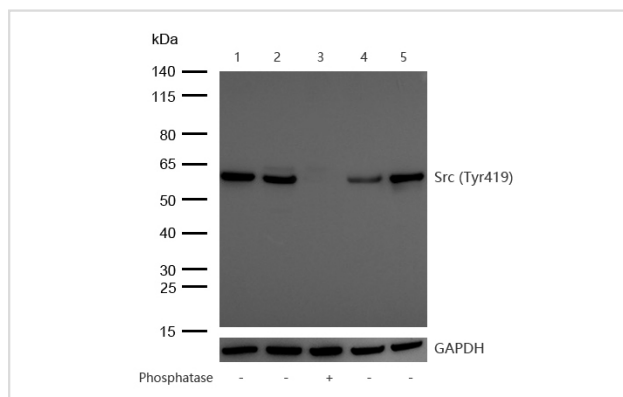
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 60 kDa

Observed band size: 60 kDa

Exposure time: 10 seconds



All lanes : Src (Phospho-Tyr419) Rabbit mAb at 1/1k

dilution Lane 1 : MCF7 whole cell lysates Lane 2 : HT-1080

whole cell lysates Lane 3 : HT-1080 treated with Lambda

Protein Phosphatase for 30min whole cell Lane 4 : Mouse

Bladder lysates Lane 5 : Rat Bladder lysates

Lysates/proteins at 20 µg per lane.

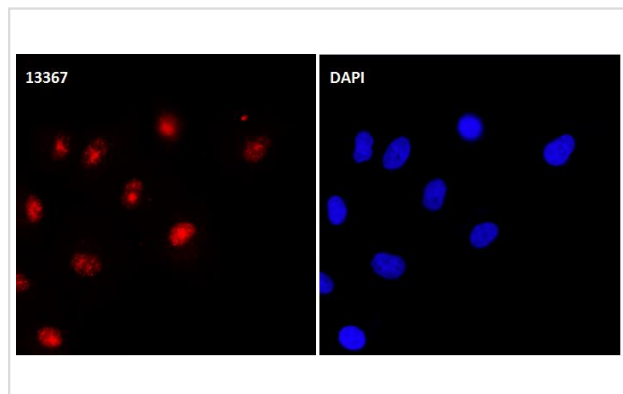
Secondary All lanes : Goat Anti-Rabbit IgG

H&L (HRP) at 1/20000 dilution

Predicted band size: 60 kDa

Observed band size: 60 kDa

Exposure time: 5 seconds



Immunocytochemistry/ Immunofluorescence

Src(Phospho-Y419) antibody (13367)

ICC/IF staining of Src(Phospho-Y419) in A549 cells. Cells

were fixed with 4% Paraformaldehyde permeabilized with

0.1% Triton X-100.

Samples were incubated with 13367 at a working dilution of

1/100. The secondary antibody was Alexa FluorB 647 goat

anti rabbit; used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

The Src family of protein tyrosine kinases, which includes Src, Lyn, Fyn, Yes, Lck, Blk, and Hck, are important in the regulation of growth and differentiation of eukaryotic cells. Src activity is regulated by tyrosine phosphorylation at two sites, but with opposing effects. While phosphorylation at Tyr416 in the activation loop of the kinase domain upregulates enzyme activity, phosphorylation at Tyr527 in the carboxy-terminal tail by Csk renders the enzyme less active.

References

- Villacis RA et al. Gene expression profiling in leiomyosarcomas and undifferentiated pleomorphic sarcomas: SRC as a new diagnostic marker. PLoS One 9:e102281 (2014).
- Dou X & Charness ME Effect of lipid raft disruption on ethanol inhibition of I1 adhesion. Alcohol Clin Exp Res 38:2707-11 (2014).

Published Papers

et al., Discovery of a novel inhibitor of the protein tyrosine phosphatase Shp2. In Sci Rep on 2015 Dec 2 by Chuan Chen , Mengmeng Cao et

al..PMID: 26626996 , , (2015)

[PMID:26626996](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.