Product Datasheet

Src(Phospho-Y419) Rabbit mAb

Catalog No: #13367

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



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

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 Ruppin A2) viral oncogene
	homolog antibody V src sarcoma (Schmidt Ruppin A 2) viral oncogene homolog (avian) antibody v src
	sarcoma (Schmidt Ruppin A 2) viral oncogene homolog avian antibody
Accession No.	Swiss-Prot#:P12931
Calculated MW	60 kDa

1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.

Application Details

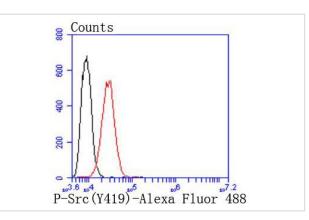
WB: 1:500-1:2000 ICC/IF: 1:50-1:200

SDS-PAGE MW

Formulation Storage

Images

Store at -20°C



Flow cytometric analysis of Hela cells with Phospho-Src(Y419) antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

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

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

Published Papers

el at., 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.