**Product Datasheet**

# Src Rabbit mAb

Catalog No: #48902

Package Size: #48902-1 50ul #48902-2 100ul

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

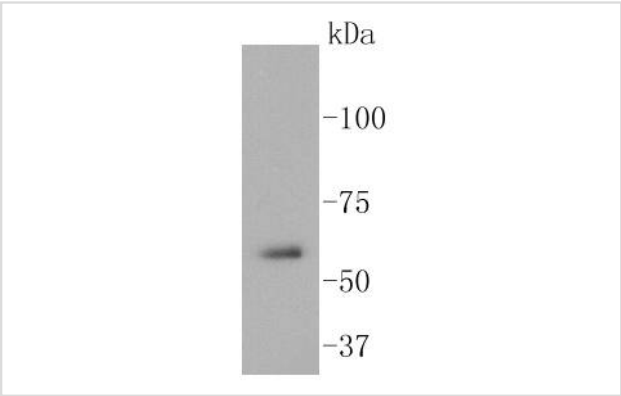
## Description

| | |
|---|---|
| Product Name | Src Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | ST05-03 |
| Purification | ProA affinity purified |
| Applications | WB, ICC/IF, IHC, FC |
| Species Reactivity | Human;Mouse;Rat |
| Immunogen Description | recombinant protein |
| 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 |
| Formulation | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |
| Storage | Store at -20°C |

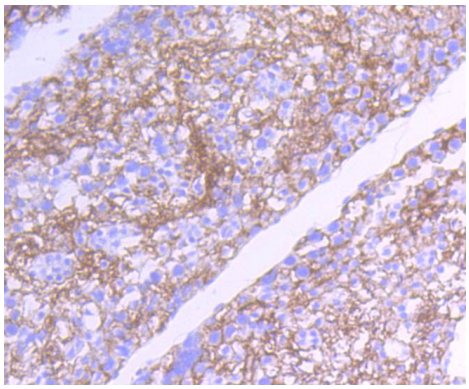
## Application Details

WB: 1:1,000 IHC: 1:50-1:200ICC: 1:50-1:200FC: 1:1,000

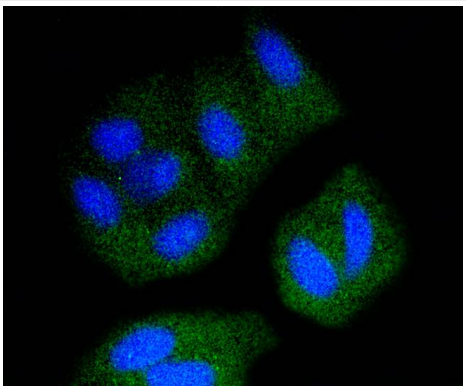
## Images




Western blot analysis of Src on A431 cell lysates using anti-Src antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-Src antibody. Counter stained with hematoxylin.



ICC staining Src in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

The major translational products of the Src gene family are membrane-associated tyrosine protein kinases that lack transmembrane and external amino acid sequences. By virtue of their common structural motifs, the Src family is composed of nine members in vertebrates, including c-Src, c-Yes, Fgr, Yrk, Fyn, Lyn, Hck, Lck and Blk. Src family kinases, which contain an amino-terminal cell membrane anchor followed by SH3 and SH2 domains, transduce signals that are involved in the control of a variety of cellular processes, including proliferation, differentiation, motility and adhesion. Src family members are normally maintained in an inactive state and can be activated transiently during cellular events such as mitosis. Different subcellular locations of Src family kinases may be important for the regulation of specific cellular processes, such as mitogenesis, cytoskeletal organization and membrane trafficking. c-Src (also designated pp60Src, Src p60 and proto-oncogene tyrosine protein kinase Src) is expressed in a broad range of tissue and cell types, although the highest levels of c-Src are detected in neuronal tissues and platelets. c-Src may play a role in events associated with both neuronal differentiation and maintenance of mature neuronal cell functions.

## 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 & Charness ME Effect of lipid raft disruption on ethanol inhibition of l1 adhesion. Alcohol Clin Exp Res 38:2707-11 (2014).

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