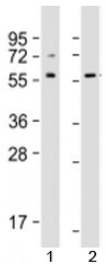
Src Antibody [clone 1602CT774.225.92] (F53817)

Catalog No.	Formulation	Size
F53817-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53817-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	1602CT774.225.92
Purity	Protein G affinity chromatography
UniProt	P12931
Applications	Western Blot : 1:500-1000
Limitations	This Src antibody is available for research use only.



Western blot testing of human 1) Jurkat and 2) A431 cell lysate with SRC antibody at 1:1000. Predicted molecular weight: 60 kDa.

Description

Non-receptor protein tyrosine kinase which is activated following engagement of many different classes of cellular receptors including immune response receptors, integrins and other adhesion receptors, receptor protein tyrosine kinases, G protein- coupled receptors as well as cytokine receptors. Participates in signaling pathways that control a diverse spectrum of biological activities including gene transcription, immune response, cell adhesion, cell cycle progression, apoptosis, migration, and transformation. Due to functional redundancy between members of the SRC

kinase family, identification of the specific role of each SRC kinase is very difficult. SRC appears to be one of the primary kinases activated following engagement of receptors and plays a role in the activation of other protein tyrosine kinase (PTK) families. Receptor clustering or dimerization leads to recruitment of SRC to the receptor complexes where it phosphorylates the tyrosine residues within the receptor cytoplasmic domains.

Application Notes

Titration of the Src antibody may be required due to differences in protocols and substrate sensitivity.

Immunogen

A peptide from within amino acids 1-350 was used as the immunogen for the Src antibody.

Storage

Aliquot the Src antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.