SRC Recombinant Antibody

RACO0184

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA, WB, IF, FC

Recommended dilutions:

WB:1:500-1:5000, IF:1:20-1:200

Protein Background:

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.

Gene ID:

SRC

Uniprot

P12931

Synonyms:

Proto-oncogene tyrosine-protein kinase Src, Proto-oncogene c-Src, pp60c-src, p60-Src, SRC, SRC1

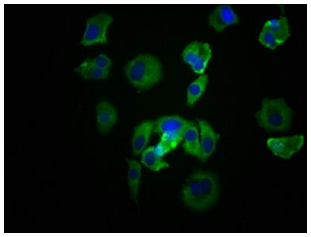
Immunogen:

A synthesized peptide derived from human SRC.

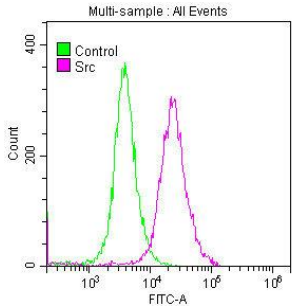
Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

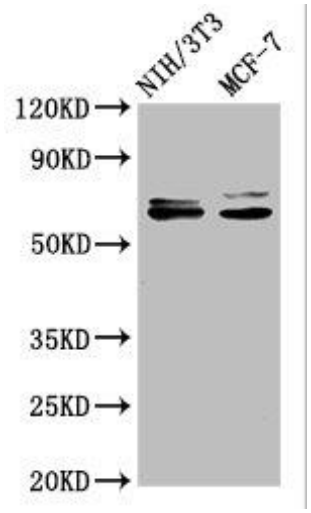
Product Images



Immunofluorescence staining of MCF-7 cells with RACO0184 at 1:39, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG (H+L).



Overlay histogram showing SH-SY5Y cells stained with RACO0184 (red line) at for 4h). The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4°C. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4°C. Control antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.



Western Blot
Positive WB detected in(NIH/3T3 whole cell lysate) MCF-7 whole cell lysate) All lanes: SRC antibody at 1(2µg)ml
Secondary
Goat polyclonal to rabbit IgG at 1:50000 dilution
Predicted band size: 60, 61 KDa
Observed band size: 60, 61 KDa