

Anti-SRC antibody (1-100) [S6MR] (STJ11101656)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

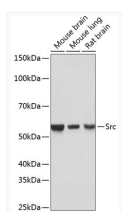
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IF/CC:1:100-1:400 IP:0.5 Mu g-4 Mu g antibody for 400 Mu g-600 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requiremen
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 60kDa Observed Mw: 60kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

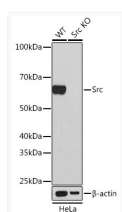
Gene ID	6714
Gene Symbol	SRC
UniProt ID	SRC_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MGSNKSQPKDASQRRRSLEP AENVHGAGGGAFASQTSPK PASADGHRGPSAAAFAPAAAE PKLFGGFNSSDDTVTSPQRAG PLAGGVTTFFVALYDYESRTE
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Src (P12931).

ADDITIONAL INFORMATION

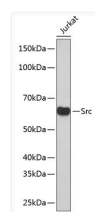
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



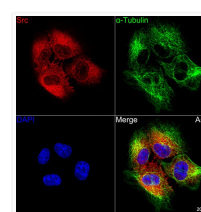
Western blot analysis of extracts of various cell lines, using Src antibody (STJ11101656) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



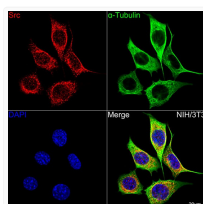
Western blot analysis of extracts from wild type (WT) and Src knockout (KO) HeLa cells, using Src antibody (STJ11101656) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1min.



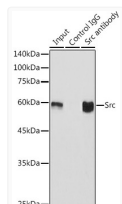
Western blot analysis of extracts of Jurkat cells, using Src antibody (STJ11101656) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1min.



Confocal imaging of A549 cells using [KO Validated] Src rabbit monoclonal antibody (STJ11101656, at dilution of 1:100) (Red). The cells were counterstained with Alpha-Tubulin mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Confocal imaging of NIH/3T3 cells using [KO Validated] Src rabbit monoclonal antibody (STJ11101656, at dilution of 1:100) (Red). The cells were counterstained with Alpha-Tubulin mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunoprecipitation analysis of 600 Mu g extracts of mouse brain using 3 Mu g Src antibody (STJ11101656). Western blot was performed from the immunoprecipitate using Src antibody (STJ11101656) at a dilution of 1:1000.