

Anti-Phospho-LCK-Y394 antibody (STJ22226)
STJ22226

GENERAL INFORMATION

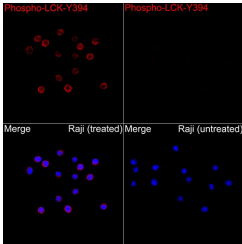
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

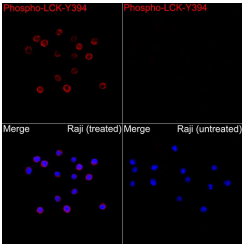
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

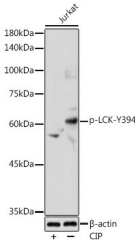
Gene ID	3932
Gene Symbol	LCK
Uniprot ID	LCK_HUMAN
Immunogen	NEYTA
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around Y394 of human LCK (NP_005347.3).
Immunogen Sequence	NEYTA



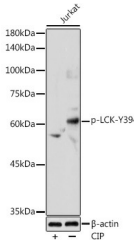
Western blot analysis of extracts of NIH/3T3 cells, using Phospho-LCK-Y394 antibody (STJ22226) at 1:1000 dilution. NIH/3T3 cells were treated by Pervanadate (1 mM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunofluorescence analysis of Raji cells treated with Pervanadate and Raji cells using Phospho-LCK-Y394 Rabbit polyclonal antibody (STJ22226) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of Jurkat cells, using Phospho-LCK-Y394 antibody (STJ22226) at 1:1000 dilution. Jurkat cells were treated by CIP (20uL/400uL) at 37 °C for 1 hour. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Western blot analysis of lysates from Jurkat cells, using Phospho-LCK-Y394 Rabbit polyclonal antibody (STJ22226) at 1:1000 dilution. Jurkat cells were treated by CIP (20uL/400uL) at 37 °C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081