

## Anti-Phospho-LCK-Y505 antibody (STJ22227)

STJ22227

### GENERAL INFORMATION

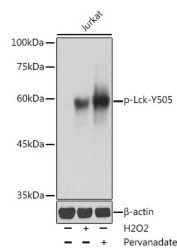
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Lck-Y505 is suitable for use in Western Blot and Immunoprecipitation.
<b>Applications</b>	WB, IP
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

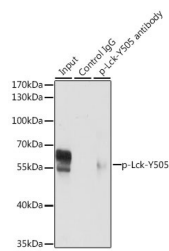
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:500-1:2000 IP 1:50-1:100
<b>Formulation</b>	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store in a freezer at -20°C and avoid freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	3932
<b>Gene Symbol</b>	LCK
<b>Uniprot ID</b>	LCK_HUMAN
<b>Immunogen</b>	A synthetic phosphorylated peptide around Y505 of human Lck (NP_001036236.1).
<b>Immunogen Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



Western blot analysis of extracts of Jurkat cells, using Phospho-Lck-Y505 antibody (STJ22227) at 1:1000 dilution. Jurkat cells were treated by Hydrogen Peroxide (2 mM) at 37 °C for 2 minutes after serum-starvation overnight. Jurkat cells were treated by Pervanadate (1 mM) at 37 °C for 30 minutes. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 1s.



Immunoprecipitation analysis of 200ug extracts of Jurkat cells, using 3 ug Phospho-Lck-Y505 polyclonal antibody (STJ22227). Western blot was performed from the immunoprecipitate using Phospho-Lck-Y505 polyclonal antibody (STJ22227) at a dilution of 1:1000. Jurkat cells were treated by Hydrogen Peroxide (2 mM) at 37 °C for 2 minutes after serum-starvation overnight.

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