

Anti-Phospho-LCK-Y505 antibody (STJ22227)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

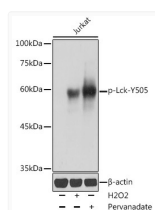
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 58kDa Observed Mw: 56kDa
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 Sequence	GQYQP
Specificity	A synthetic phosphorylated peptide around Y505 of human Lck (NP_001036236.1).

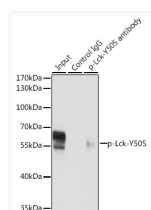
ADDITIONAL INFORMATION

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



Western blot analysis of lysates from Jurkat cells, using Phospho-Lck-Y505 Rabbit pAb (STJ22227) at 1:1000 dilution. Jurkat cells were treated by Hydrogen Peroxide (2 mM) at 37 °C for 2 minutes or treated by Pervanadate (1 mM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Enhanced Kit
 Exposure time: 1s.



Immunoprecipitation analysis of 200 Mu g extracts of Jurkat cells, using 3 Mu g Phospho-Lck-Y505 pAb (STJ22227). Western blot was performed from the immunoprecipitate using Phospho-Lck-Y505 pAb (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.