

Phospho-Lck-Y505 Rabbit Polyclonal Antibody



CABP0285

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

56kDa

Calculated MW:

40kDa/58kDa/61kDa

Applications:

WB IP

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IP 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein is a key signaling molecule in the selection and maturation of developing T-cells. It contains N-terminal sites for myristylation and palmitoylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to the plasma membrane and pericentrosomal vesicles, and binds to cell surface receptors, including CD4 and CD8, and other signaling molecules. Multiple alternatively spliced variants encoding different isoforms have been described.

Immunogen information

Gene ID:

3932

Uniprot

P06239

Synonyms:

LCK; IMD22; LSK; YT16; p56lck; pp58lck

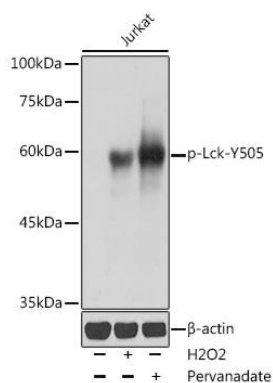
Immunogen:

A synthetic phosphorylated peptide around Y505 of human Lck (NP_001036236.1).

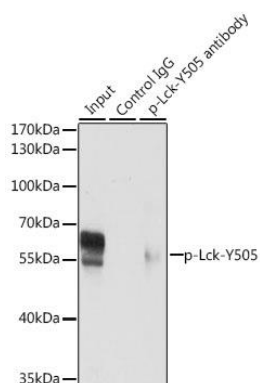
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of Jurkat cells, using Phospho-Lck-Y505 antibody (CABP0285) 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) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00069). Exposure time: 1s.



Immunoprecipitation analysis of 200ug extracts of Jurkat cells, using 3 ug Phospho-Lck-Y505 pAb (CABP0285). Western blot was performed from the immunoprecipitate using Phospho-Lck-Y505 pAb (CABP0285) 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.