



Lck (phospho Tyr192) Monoclonal Antibody

Lck; T cell-specific protein-tyrosine kinase; p56-LCKObserved Band56kDCell PathwayCell membrane ; Lipid-anchor ; Cytoplasmic side . Cytoplasm, cytosol . Present lipid rafts in an inactive formTissue SpecificityExpressed specifically in lymphoid cells.Functioncatalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,disease:A chromosomal aberration involving LCK is found in leukemias. Translocation t(1;7)(p34;q34) with TCRB.,domain:The SH2 domain mediates interaction with SQSTM1. Interaction is regulated by Ser-59 phosphorylation.,enzyme regulation:Inhibited by tyrosine phosphorylation.,function:Tyrosine kinase that plays an essential role for the		
Reactivity Human;Mouse;Rat Applications WB Gene Name LCK Protein Name Tyrosine-protein kinase Lck Immunogen The antiserum was produced against synthesized peptide derived from human Lck around the phosphorylation site of Tyr192. AA range:161-210 Specificity Phospho-Lck (Y192) Monoclonal Antibody detects endogenous levels of Lck protein only when phosphorylated at Y192. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms LCK; Tyrosine-protein kinase Lck; Leukocyte C-terminal Src kinase; LSK; Lymphocyte cell-specific protein-tyrosine kinase; p56-LCK Observed Band 56kD Cell membrane ; Lipid-anchor ; Cytoplasmic side . Cytoplasm, cytosol . Present lipid rafts in an inactive form Tissue Specificity Expressed specifically in lymphoid cells. Function callaytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphorylation., enzyme regulation.inholived by tyrosine	Catalog No	BYmab-14360
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Nanjing BYabscience technology Co.,Ltd

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	CD8 surface receptors and plays a key role in T-cell antigen receptor(TCR)-linked signal transduction pathways. Association of the TCR with a peptide antigen-bound MHC complex facilitates the interaction of CD4 and CD8 with MHC class II and class I molecules, respectively, and thereby recruits the associat
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 palmitylation, 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. [provided by RefSeq, Aug 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.
	Products Images