

For Research Use Only

# CoraLite®594-conjugated LCK Monoclonal antibody



Catalog Number:CL594-60162

## Basic Information

Catalog Number: CL594-60162	GenBank Accession Number: BC013200	Purification Method: Protein G purification
Size: 100ul	GeneID (NCBI): 3932	CloneNo.: 2D10C2
Source: Mouse	Full Name: lymphocyte-specific protein tyrosine kinase	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG1	Calculated MW: 539 aa, 56 kDa	
Immunogen Catalog Number: AG7694	Observed MW: 50-60 kDa	

## Applications

Tested Applications:  
FC (Intra)  
Species Specificity:  
human, pig, rat

## Background Information

LCK(Lymphocyte cell-specific protein-tyrosine kinase) is also named as LSK,p56-LCK and a nonreceptor protein-tyrosine kinase of the SRC oncogene family that is involved in transduction of T-cell receptor-mediated activation. It is implicated in the control of lymphocyte growth by virtue of its overexpression in some lymphoid malignancies and its transforming activity in heterologous systems(PMID:2784463). It has 3 isoforms produced by alternative splicing.

## Storage

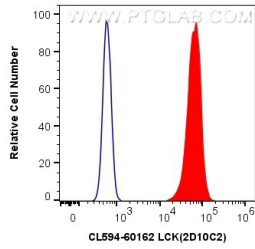
Storage:  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
Storage Buffer:  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1X10<sup>6</sup> A431 cells were intracellularly stained with 0.8 ug CoraLite®594 Anti-Human LCK (CL594-60162, Clone:2D10C2) (red), or 0.8 ug CoraLite®594 Mouse IgG1 Isotype Control (MOPC-21) (CL594-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).