

For Research Use Only

# CoraLite®594-conjugated LCK Monoclonal antibody



Catalog Number:CL594-60162

## Basic Information

Catalog Number:

CL594-60162

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7694

GenBank Accession Number:

BC013200

GeneID (NCBI):

3932

UNIPROT ID:

P06239

Full Name:

Lymphocyte-specific protein tyrosine kinase

Calculated MW:

539 aa, 56 kDa

Observed MW:

50-60 kDa

Purification Method:

Protein G purification

CloneNo.:

2D10C2

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## 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

For technical support and original validation data for this product please contact:

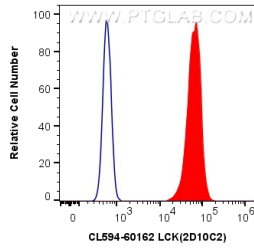
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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).