

For Research Use Only

# CoraLite®594-conjugated SYK Monoclonal antibody

Catalog Number: CL594-66721

Featured Product



## Basic Information

Catalog Number:

CL594-66721

Size:

100ul , Concentration: 1000 ug/ml by 6850

Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG17654

GenBank Accession Number:

BC001645

GeneID (NCBI):

6850

ENSEMBL Gene ID:

ENSG00000165025

UNIPROT ID:

P43405

Full Name:

spleen tyrosine kinase

Calculated MW:

635 aa, 72 kDa

Observed MW:

70-75 kDa

Purification Method:

Protein A purification

CloneNo.:

4C4A12

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

## Background Information

SYK(spleen tyrosine kinase) is a key regulator of signal transduction events,apoptosis and orderly cell cycle progression in B-lineage lymphoid cells. Although SYK has not been linked to a human disease, defective expression of the closely related T-cell tyrosine kinase ZAP-70 has been associated with severe combined immunodeficiency(PMID:11494125). This protein has 2 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

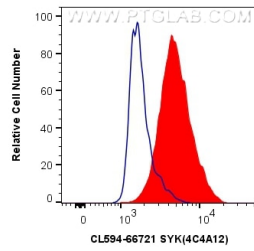
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.8 ug CoraLite®594 Anti-Human SYK (CL594-66721, Clone:4C4A12) (red), or 0.8 ug CoraLite®594 Mouse IgG2b Isotype Control (MPC-11) (CL594-65128, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).