

For Research Use Only

# CoraLite® Plus 488-conjugated ZAP70 Polyclonal antibody

Catalog Number: CL488-15592

Featured Product



## Basic Information

Catalog Number:

CL488-15592

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7943

GenBank Accession Number:

BC039039

GeneID (NCBI):

7535

ENSEMBL Gene ID:

ENSG00000115085

UNIPROT ID:

P43403

Full Name:

zeta-chain (TCR) associated protein kinase 70kDa

Calculated MW:

70 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : RAW 264.7 cells,

## Background Information

Zeta-associated protein (ZAP)-70, a member of the Syk family of tyrosine kinases, plays an important role in T-cell receptor signaling, natural killer (NK) cell activation and early B-cell development. ZAP-70 is expressed in a subset of cases of chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL) with unmutated immunoglobulin heavy-chain variable region (IgVH) genes and is associated with poor clinical outcome.

## 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

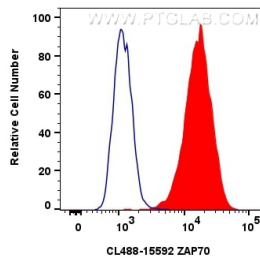
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

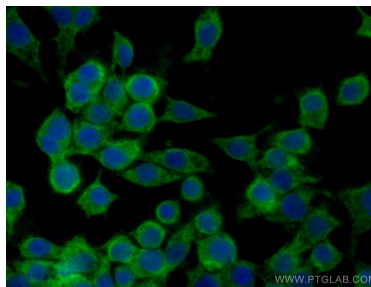
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## Selected Validation Data



1x10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Zap70 Polyclonal Antibody (CL488-15592)(red), or 0.4 ug Coralite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed RAW 264.7 cells using Coralite® Plus 488 ZAP70 antibody (CL488-15592) at dilution of 1:200.