

Phospho-ZAP70-Y493 Rabbit mAb

Catalog No.: AP1435 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

70kDa

Category

Primary antibody

Applications

ELISA,IF/ICC

Cross-Reactivity

Human

CloneNo number

ARC59392

Background

This gene encodes an enzyme belonging to the protein tyrosine kinase family, and it plays a role in T-cell development and lymphocyte activation. This enzyme, which is phosphorylated on tyrosine residues upon T-cell antigen receptor (TCR) stimulation, functions in the initial step of TCR-mediated signal transduction in combination with the Src family kinases, Lck and Fyn. This enzyme is also essential for thymocyte development. Mutations in this gene cause selective T-cell defect, a severe combined immunodeficiency disease characterized by a selective absence of CD8-positive T-cells. Two transcript variants that encode different isoforms have been found for this gene.

Recommended Dilutions

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

7535

Swiss Prot

P43403

Immunogen

A synthetic phosphorylated peptide around Y493 of human ZAP70.

Synonyms

ZAP70; ADMIO2; IMD48; SRK; STCD; STD; TZK; ZAP-70; tyrosine-protein kinase ZAP-70; Phospho-ZAP70-Y493

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

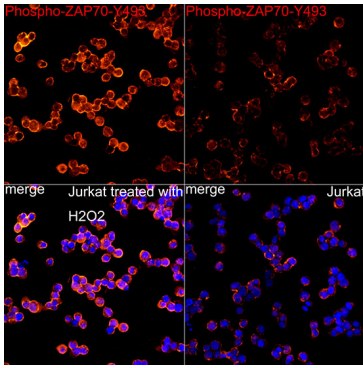
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of Jurkat treated with H2O2 and Jurkat using Phospho-ZAP70-Y493 Rabbit mAb (AP1435) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.