

A0454

Leader in Biomolecular Solutions for Life Science



ZAP70 Rabbit pAb

Catalog No.: A0454

Basic Information

Observed MW

63kDa

Calculated MW

70kDa

Category

Mouse Monoclonal Antibody

Applications

WB,FC

Cross-Reactivity

Human

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

WB	1:500 - 1:1000
FC	1:20 - 1:50

Immunogen Information

Gene ID

7535

Swiss Prot

P43403

Immunogen

A synthetic peptide of human ZAP70

Synonyms

SRK; STD; TZK; STCD; IMD48; ADMIO2; ZAP-70; ZAP70

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

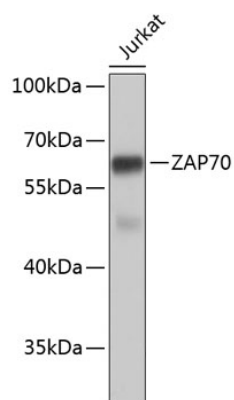
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,pH7.3.

Validation Data



Western blot analysis of extracts of Jurkat cells, using ZAP70 antibody (A0454).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.