

ZAP70 monoclonal antibody

Catalog: MB22882

Host: Mouse

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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

69.9kDa

Swiss-Prot:

P43403

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 FC:1/200 - 1/400

Storage&Stability:

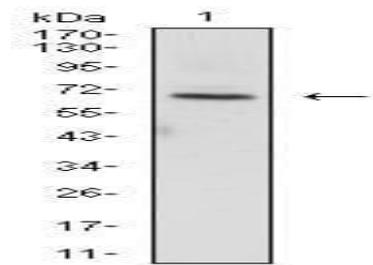
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

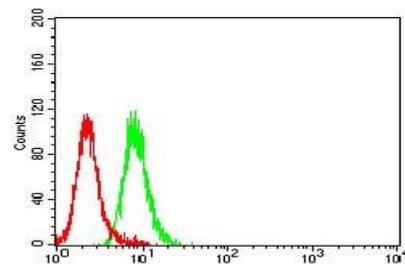
Isotype:

Mouse IgG1

DATA:



Western blot analysis using ZAP70 mouse mAb against MLOT4 (1) cell lysate.



Flow cytometric analysis of Jurkat cells using ZAP70 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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