

ZAP70

Reactivity:Human Mouse Rat

Tested applications:WB IHC ICC IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:50 - 1:100

Calculated MW:70kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human ZAP70

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

n

Synonym:

FLJ17670; FLJ17679; SRK; STD; TZK; ZAP-70;

Catalog #:A2195

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:7535

Isotype:IgG

Swiss Prot:P43403

Purity:Affinity purification

For research use only.

Background:

The Syk family protein tyrosine kinase Zap-70 is expressed in T and NK cells and plays a critical role in mediating T cell activation in response to T cell receptor (TCR) engagement (1). Following TCR engagement, Zap-70 is rapidly phosphorylated on several tyrosine residues through autophosphorylation and transphosphorylation by the Src family tyrosine kinase Lck (2-6). Tyrosine phosphorylation correlates with increased Zap-70 kinase activity and downstream signaling events. Expression of Zap-70 is correlated with disease progression and survival in patients with chronic lymphocytic leukemia (7,8).

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