

Product Name: ZAP70 (4B2) Mouse Monoclonal Antibody
Catalog #: AMM03513

Summary

Production Name	ZAP70 (4B2) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	ZAP70
Alternative Names	ZAP70; SRK; Tyrosine-protein kinase ZAP-70; 70 kDa zeta-chain associated protein; Syk-related tyrosine kinase
Gene ID	7535
SwissProt ID	P43403.

Application

Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 70 kDa; Observed MW: 70 kDa

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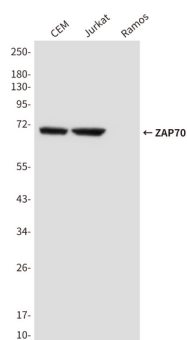
Background

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. Following TCR engagement, Zap-70 is rapidly phosphorylated on several tyrosine residues through autophosphorylation and transphosphorylation by the Src family tyrosine kinase Lck.

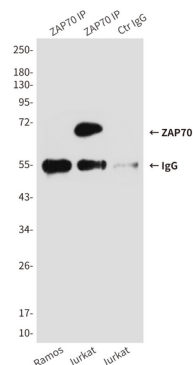
Research Area

Immunology

Image Data



Western blot analysis of ZAP70 in CEM and Jurkat lysates, negative in the Ramos lysates using ZAP70 antibody.



Immunoprecipitation analysis of ZAP70 (4B2) in Jurkat lysates (ZAP70 positive expression cell line) and Ramos lysates (ZAP70 negative expression cell line) using ZAP70 antibody.

Note

For research use only.