

Anti-ZAP70 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M011115

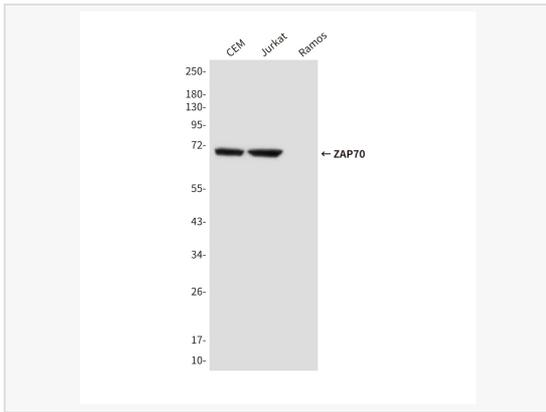
Product Information

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| Application | WB, IP, ELISA |
| Reactivity | Human |
| Dilution | WB 1:500~1:1,000; IP 1:20 |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone No. | 44M61K23 |
| Isotype | IgG2b |
| Label | Unconjugated |
| Immunogen | Purified recombinant human ZAP-70 protein fragments expressed in E.coli. |
| Format | Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-ZAP70 antibody [44M61K23] is for research use only and not for use in diagnostic or therapeutic procedures. |

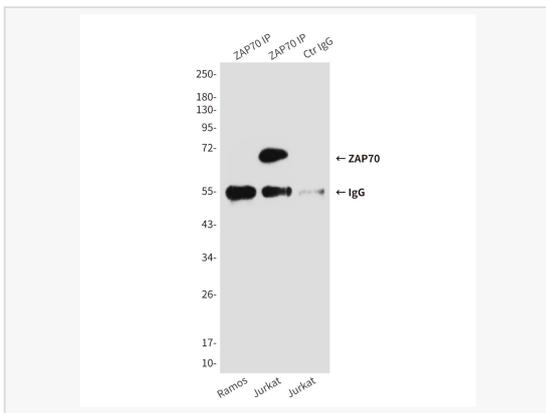
Protein Information

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|---------------|--|
| Synonyms | ZAP70, SRK, Tyrosine-protein kinase ZAP-70, 70 kDa zeta-chain associated protein, Syk-related tyrosine kinase. |
| Calculated MW | Calculated MW: 70 kDa; Observed MW: 70 kDa |
| Uniprot ID | P43403 |
| Gene ID | 7535 |
| 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. |

Validation Images



Western blot analysis of ZAP70 in CEM and Jurkat lysates, negative in the Ramos lysates using ZAP70 antibody [44M61K23].



Immunoprecipitation analysis of ZAP70 in Jurkat lysates (ZAP70 positive expression cell line) and Ramos lysates (ZAP70 negative expression cell line) using ZAP70 antibody [44M61K23].