



ZAP70 Polyclonal Antibody

E92195

- Catalog Number:** E92195
- Amount:** 100ul
- 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).
- Species:** Rabbit
- Isotype:** IgG
- Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
- Synonyms:** FLJ17670; FLJ17679; SRK; STD; TZK; ZAP-70;
- Immunogen:** Recombinant protein of human ZAP70
- Purification:** Affinity purification
- Reactivity:** H M R
- Applications:** WB IHC
- Molecular Weight:** 70kDa
- Swiss-Prot No. :** P43403
- Gene ID:** 7535
- References:** 1. Chu, D.H. et al. (1998) Immunol. Rev. 165, 167-180. 2. Iwashima, M. et al. (1994) Science 263, 1136-1139. 3. Neumeister, E.N. et al. (1995) Mol. Cell Biol. 15, 3171-3178. 4. Chan, A.C. et al. (1995) EMBO J. 14, 2499-2508. 5. Williams, B.L. et al. (1999) EMBO J. 18, 1832-1844. 6. Di Bartolo, V. et al. (1999) J. Biol. Chem. 274, 6285-6294. 7. Wiestner, A. et al. (2003) Blood 101, 4944-4951. 8. Crespo, M. et al. (2003) N. Engl. J. Med. 348, 1764-1775.

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