

Mouse Monoclonal Antibody to ZAP70

Catalogue Number	sAP-0052
Target Molecule	Name: ZAP70 Aliases: SRK; STD; TZK MW: 70kDa Entrez Gene ID: 7535
Description	ZAP70 (zeta-chain associated protein kinase), a 70 kDa member of the SYK tyrosine kinase family, plays a central role in lymphocyte activation and development, and is implicated in several immune disorders. ZAP70 controls TCR(T-cell antigen receptor)-linked signal transduction pathways. Its key role in thymocytes development and mature T lymphocytes activation has been illustrated by the characterization of several human immunodeficiencies presenting with mutations in the ZAP70 gene. ZAP70 is also expressed in several types of B-cell neoplasm and is easily detected by immunohistochemistry, providing a useful prognostic marker in patients with chronic lymphocytic leukaemia.
Immunogen	Purified recombinant fragment of human ZAP70 expressed in E. Coli.
Reactive Species	Human
Clone	MM3D2A4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Sigal Gelkop , Gerald D. Gish, Yael Babichev J Immunol. 2005 Dec 15;175(12):8123-32. ; 2. Joaquim Carreras , Neus Villamor ,Lluis Colomo J Pathol. 2005 Mar;205(4):507-13. ; 3. Claire Hivroz Med Sci (Paris). 2005 Feb;21(2):150-5. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**