

	ZAP-70 Mouse mAb	E 2 2 2 0 0 8 9
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Swiss-Prot No.:	P43403
Alternate:	ZAP70
Storage/Stability:	Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.
Immunogen:	Purified recombinant fragment of human ZAP70 expressed in E. Coli.
Purification:	Ascitic fluid
Reactivity:	Human
Other Names:	SRK; STD; TZK
Background:	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.
Gene ID:	7535
Cellular localization:	Cell membrane, Cytoplasm, Membrane
Source:	Mouse
Antibody type:	Monoclonal antibody
Isotype:	Mouse IgG1
Molecular Weight:	70kDa
Preservative:	Ascitic fluid containing 0.03% sodium azide.
Recommended Dilutions:	WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; ICC: N/A; FCM: N/A; Elisa: 1/10000

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