

ZAP70 Antibody (YA651)

Cat. No.:	HY-P80937
Synonyms:	ZAP70 Antibody (YA651) is a non-conjugated and Mouse originated monoclonal antibody about 70 kDa, targeting to ZAP70 (4B2). It can be used for WB,IP assays with tag free, in the background of Human.
Host:	Mouse
Reactivity:	Human
Conjugation:	Non-conjugated
SwissProt ID:	P43403
Research Field:	Immunology
Molecular Weight:	Predicted band size: 70 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IP	1:20
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	ZAP70 (4B2): This gene encodes an enzyme belonging to the protein tyrosine kinase family, and it plays a role in T-cell development and lymphocyte activation. This enzyme, which is phosphorylated on tyrosine residues upon T-cell antigen receptor (TCR) stimulation, functions in the initial step of TCR-mediated signal transduction in combination with the Src family kinases, Lck and Fyn. This enzyme is also essential for thymocyte development. Mutations in this gene cause selective T-cell defect, a severe combined immunodeficiency disease characterized by a selective absence of CD8-positive T-cells. Two transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
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Caution: Product has not been fully validated for medical applications. For research use only.

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