

bs-3479R**[Primary Antibody]****phospho-ZAP70 (Tyr493) Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		ICC/IF (1:100-500)
GeneID: 7535	SWISS: P43403	ELISA (1:5000-10000)
Target: ZAP70 (Tyr493)		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Horse)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Zap-70 around the phosphorylation site of Tyr493: SY(p-Y)TA.		Predicted MW.: 68 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane ,Cytoplasm
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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].		