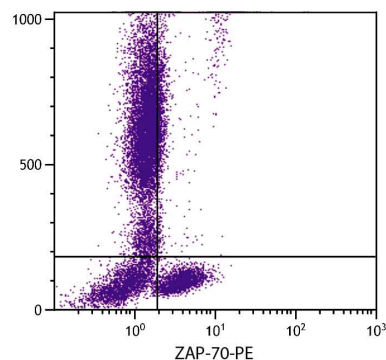




Mouse Anti-Human ZAP-70

Cat. No.	Format	Size
10650-01S	Purified (UNLB)	0.025 mg
10650-01L	Purified (UNLB)	0.1 mg
10650-02S	Fluorescein (FITC)	0.025 mg
10650-02L	Fluorescein (FITC)	0.1 mg
10650-04	Alkaline phosphatase (AP)	1.0 mL
10650-05	Horseradish peroxidase (HRP)	1.0 mL
10650-08S	Biotin (BIOT)	0.025 mg
10650-08L	Biotin (BIOT)	0.1 mg
10650-09S	R-phycoerythrin (PE)	0.025 mg
10650-09L	R-phycoerythrin (PE)	0.1 mg



Human peripheral blood was intracellularly stained with Mouse Anti-Human ZAP-70-PE (SB Cat. No. 10650-09).

Overview

Clone	SBZAP
Isotype	Mouse (BALB/c) IgG _{1κ}
Immunogen	Human ZAP-70 (a.a. 280-309)
Specificity	Human ZAP-70
Alternate Name(s)	Tyrosine-protein kinase ZAP-70, zeta-chain-associated protein kinase 70, Syk-related tyrosine kinase

Description

ZAP-70 is a protein tyrosine kinase (PTK) with the primary role of catalyzing the phosphorylation of tyrosine residues in cellular proteins, and thus, contributes significantly to the initiation of cell signaling. ZAP-70 is normally expressed on T cell and NK cells.

Applications

FC – Quality tested¹⁻²⁰
 ELISA – Quality tested

Working Dilutions

Flow Cytometry	Purified (UNLB) antibody	≤ 1 μg/10 ⁶ cells
	FITC and BIOT conjugates	≤ 1 μg/10 ⁶ cells
	PE conjugate	≤ 0.2 μg/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL	
ELISA	AP conjugate	1:500 – 1:1,000
	HRP conjugate	1:1,000 – 1:2,000
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.025 mg purified immunoglobulin in 0.25 mL or 0.1 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.025 mg in 0.25 mL or 0.1 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/ 50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 0.025 mg in 0.25 mL or 0.1 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.025 mg in 0.25 mL or 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific (M)SDS.

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