BIOZOL
Diagnostica Vertrieb GmbH, Oehleckerring 11-13
22419 Hamburg, Germany
Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99
E-Mail: info@biozol.de

Product Datasheet

Anti-ZAP70 Purified, Clone: [1E7.2], Monoclonal
EXB-11-665-C100

Article Name	Anti-ZAP70 Purified, Clone: [1E7.2], Monoclonal
Biozol Catalog Number	EXB-11-665-C100
Supplier Catalog Number	11-665-C100
Alternative Catalog Number	EXB-11-665-C100
Manufacturer	EXBIO
Category	Antikörper
Application	FC, ICC, IP, WB
Species Reactivity	Human, Mouse
Immunogen	A KLH-coupled peptide corresponding to amino acids 282-307 of human ZAP70
Product Description	The ZAP70 (zeta-associated protein of 70 kDa) tyrosine kinase was identified as a tyrosine phosphoprotein that associates with TCR zeta subunit and undergoes tyrosine phosphorylation following TCR stimulation. ZAP70 is a Syk family tyrosine kinase pr...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[1E7.2]
Isotype	Mouse IgG1 kappa
Buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage	2°C to 8°C

Target	ZAP70
Antibody Type	Monoclonal Antibody
Application Notes	Flow cytometry: Recommended dilution for purified antibody: 1 µg/ml, intracellular staining. Recommended protocol for primary antibody conjugates using ADG Fix and Perm kit: 1) Add 50 µl peripheral blood to a 5 ml FACS tube, 2) Proceed surface staining with appropriate amount of surface antibody (20 min at room temperature), 3) Add 100 µl of Reagent A (Fixation Medium, stored and used at room temperature), 4) Incubate for 15 minutes at room temperature, 5) Add 4 ml PBS buffer and centrifuge at 300 g for 5 minutes at room temperature, 6) Remove supernatant and add to cells pellet 100 µl Reagent B (Permeabilization Medium) and 20 µl of ZAP-70-PE antibody or 10 µl of ZAP-70-FITC antibody (red blood cells are not lysed yet), 7) Vortex at low speed for 1-2 seconds (pellet must be resuspended), 8) Incubate for 15 minutes at room temperature, 9) Add to cells mixture of 1 ml Reagent B and 3 ml PBS buffer and centrifuge at 300 g for 5 minutes at room temperature, 10) Remove supernatant and resuspend cells in 100 µl PBS buffer, 11) Analyze immediately.Western blotting: Recommended dilution: 1-2 µg/ml, positive control: MOLT-4 cells.