



Bi-Test™ CD3 FITC - CD20 PE

Product: Anti-human T cell monoclonal I antibody and anti-human B Lymphocytes monoclonal antibody.

Description: The CD3 epitope is expressed on the epsilon chain of the CD3/T cell antigen receptor (TcR) complex. CD3 is expressed on 65-85% of thymocytes and has a mitogenic effect on peripheral blood T cells. Identification of human T cells expressing the 22-28,000 M. W. surface antigen. Identification of CD20 on human B cells associated with approximately 10% of peripheral blood lymphocytes.

Isotypes: Mouse IgG1 kappa (FITC) and Mouse IgG1 kappa (PE)

Clones: M2AB (CD3 FITC) and DFA-7 (CD20 PE)

Applications: Monitoring of T cells subsets in peripheral blood; Characterization of subtypes of T cell leukemia's and lymphomas; Studies of AIDS/HIV virus infection; Analysis of CD3 complex related to the T cell antigen receptor; Study of B cell activation; Study of B cell neoplasms; Study of T cell activation.

Use: PBMC: Add 10 μ l of MAB/ 10^6 PBMC in 100 μ l PBS. Mix gently and incubate for 15 minutes at 2^o to 8^oC. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. WHOLE BLOOD: Add 10 μ l of MAB/100 μ l of whole blood. Mix gently and incubate for 15 minutes at room temperature 20^oC. Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.

Storage: Antibodies are supplied in PBS, 0.08% sodium azide and 0.2% protein carrier for FITC and PE. Antibodies should be stored at 4-8^oC. Monoclonal antibodies should not be frozen. Reagents are stable for the period shown on the vial label when stored properly.

Ordering Information:	Form	Vial Size	Catalog #
	Bi-Test™	50 Test	0320s
	Bi-Test™	100 Test	0320

For research use only. Not for use in human diagnostics or therapeutics.

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