



Bi-Test™ CD3 FITC - CD19 PE

Product: Anti-human CD3 FITC T cell Monoclonal Antibody and CD19 PE B Lymphocytes Monoclonal Antibody.

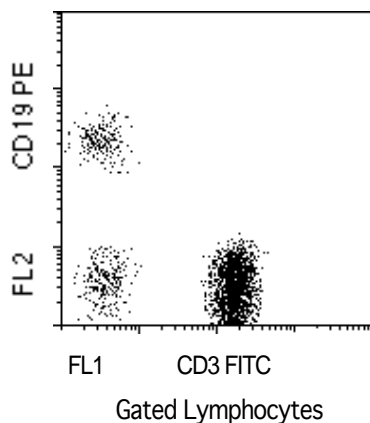
Description: The CD3 epitope is expressed on the epsilon chain of the CD3/T cell antigen receptor (TcR) complex. CD3 is present on 65-85% of thymocytes and has a mitogenic effect on peripheral blood T cells. Identification of human T cells expressing the 22-28,000 M.W. surface antigen. Identification of CD19 human B cells associated approximately 10% of peripheral blood lymphocytes expressing 95,000 M.W. surface antigen

Isotypes: Mouse IgG-1 kappa (FITC) and Mouse IgG-1 kappa (PE)

Clones: M2AB (CD3 FITC) and 1G9 (CD19 PE)

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

Use: PBMC: Add10 μ l of MAB/10⁶ 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: Add10 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.



Legend: Peripheral Blood Lymphocytes Stained with Exalpa's Bi-Test CD3 FITC-CD19 PE Two Color Staining Kit.

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	0319S
	Bi-Test™	100 Test	0319

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

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WARNING: Reagents containing sodium azide under acid conditions yields hydrazoic acid, an extremely toxic compound. Azide compound should be discarded with proper caution. There are no warranties, expressed or implied, which extend beyond the description on the label of the product. Exalpha is not liable for property damage, personal injury or economic loss caused by the product. Nothing disclosed herein is to be construed as a recommendation to use Exalpha's products in violation of any patents. Exalpha cannot be responsible for patent infringement or other violations that may occur by the use of its products.