



Bi-Test™ CD3 FITC - HLA-DR PE

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

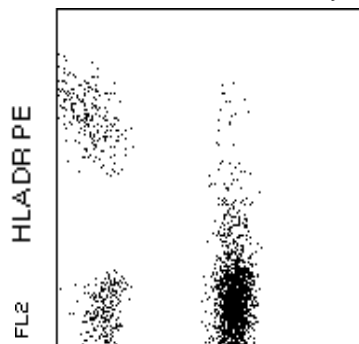
Description: The CD3 epitope is expressed on the epsilon chain of the CD3/T cell antigen receptor (TcR) complex. CD3 is present on 65-85% of thymocytes and has a mitogenic effect on peripheral blood T cells. Identification of human T cells expressing the 22-28,000 M.W. surface antigen. Identification of human B cell and T cell subset associated approximately 10% of peripheral blood lymphocytes 28-34,000 M.W. surface antigen, also low density on monocytes and macrophages.

Isotypes: Mouse IgG-1 kappa (FITC) and Mouse IgG-2a kappa (PE)

Clones: M2AB (CD3 FITC) and 423L (HLA-DR 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; Monitoring of B cells in peripheral blood; Study of B cell activation; Study of B cell neoplasms.

Use: PBMC: Add 10 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: 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.



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

FL1 CD3 FITC
Gated Lymphocytes

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	03DRs
	Bi-Test™	100 Test	03DR

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

Exalpa Biologicals, Inc., 86 Rosedale Rd. Watertown, MA 02472
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