

Bi-Test™ CD4 FITC - HLA-DR PE

Product: Anti-human CD4 FITC Helper/Inducer T cell Monoclonal Antibody and Anti-human HLA-DR PE B and T subset Lymphocyte Monoclonal Antibody.

Description: CD4 identifies human helper/inducer T cells expressing the 60,000 M.W. surface antigen (HLA class II reactive). CD4 is present in low density on monocytes. HLA-DR identifies human B cell and T cell subsets associated with approximately 10% of peripheral blood lymphocytes 28-34,000 M.W. surface antigen, also low density on monocytes and macrophages.

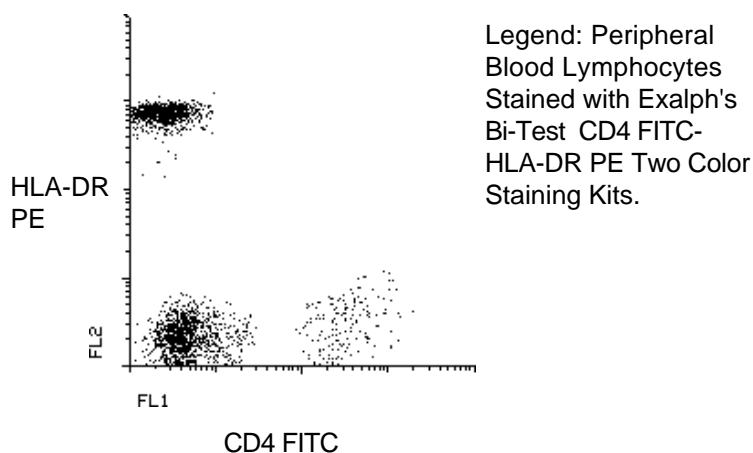
Isotypes: Mouse IgG-1 kappa (FITC) and Mouse IgG-2A kappa (PE)

Clones: 7E14 (CD4 FITC) and 423L (HLA-DR PE)

Applications: Monitoring of B cells in peripheral blood; Characterization of subtypes of T cell leukemias and lymphomas; Analysis of T cell subsets involved in helper/inducer functions; Analysis of B subsets; Study of AIDS virus infection; Study of T cell activation.

Use: PBMC: Add 10 µl of MAB/10⁶ PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 20°C to 8°C. Wash twice with PBS and analyze.

WHOLE BLOOD: Add 10 µl of MAB/100 µl of whole blood. Mix gently and incubate for 15 minutes at room temperature 20°C. Lyse the whole blood. Wash once with 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°C. 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	B4DRS
	Bi-Test™	100 Test	B4DR

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

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