



Bi-Test™ CD4 FITC - CD26 PE

Product: Anti-human CD4 FITC Helper/Inducer T cell monoclonal I antibody and anti-human CD26 dipeptidyl peptidase (DPP) monoclonal antibody.

Description: Identification of CD4 on 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. Anti-human CD28 binds the 44kDa MW cell surface protein on the surface of most T cells. The CD26 antigen recognizes the enzyme dipeptidyl peptidase (DPP), a serine protease. Its M.W. is 120 kDa. The CD26 antigen is associated with the binding of the TAT transactivating protein of the human immunodeficiency virus (HIV).

Isotype: Mouse IgG1 kappa (FITC) and Mouse IgG2a kappa (PE)

Clones: 7E14 (CD4 FITC) and EUG-6 (CD26 PE)

Applications: Analysis of T cell subsets involved in helper/inducer functions; Characterization of subtypes of T cell leukemia's and lymphomas; Monitoring of activated T cell subsets in peripheral blood; Study of T lymphocyte cytokine function; Study of phenotypic analysis of HIV cells; Study of leukemia cells; Study of systemic lupus; Study of recall antigens and CD4 +, T_{H1} response.

Use: PBMC: Add 10 µl of MAB/10⁶ PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 2⁰ to 8⁰C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in 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 20⁰C. 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 4-8⁰C. 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™	100 Test	0426
	Bi-Test™	50 Test	0426S

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

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