

Bi-Test™ CD4 FITC - CD27 PE

Product: Anti-human CD4 FITC Helper/Inducer T cell Monoclonal I Antibody and anti-human CD27 receptor 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. The CD27 antigen recognizes disulfide-linked dimer nerve growth factor (NGF) super family of cells expressing the 55kDa surface antigen. CD27 acts as a co-stimulatory on T lymphocytes with its ligand of CD70.

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

Clones: 7E14 (CD4 FITC) and DEN-3 (CD27 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; Studies of AIDS/HIV virus infection; Analysis of NK subsets; Study of cell mediated cytotoxicity; Study of T lymphocyte cytokine function; Study of B cell activation; Study of Cell-adhesion molecules relating T & B lymphocytes.

Use: PBMC: Add 10 µl of MAB/10⁶ PBMC in 100 µl 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 µl of MAB/100 µl 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	0427s
	Bi-Test™	100 Test	0427

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

Exalpa Biologicals, Inc., 2 Shaker Rd, #B101, Shirley, MA 01464
Tel: 800.395.1137 or 978.425.1370, Fax: 866.924.5100 or 978.425.1376, Web: www.exalpa.com

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