



Bi-Test™ CD3 FITC - CD27 PE

Product: Anti-human T cell monoclonal antibody and anti-human CD27 nerve growth factor (NGF) monoclonal antibody.

Description: The CD3 epitope is expressed on the epsilon chain of the CD3/T cell antigen receptor (TcR) complex. CD3 is expressed 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. 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: M2AB (CD3 FITC) and DEN-3 (CD27 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; Study of T cells and their response to parasitic infections; Study of atopic donors; Study of T cells priming and recall memory; Study of B cell differentiation and immunoglobulin secretion.

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-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.

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	0327s
	Bi-Test™	100 Test	0327

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

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