



## Bi-Test™ CD3 FITC - CD25 PE

**Product:** Anti-Human CD3 (FITC) T Cell Monoclonal Antibody and Anti-Human CD25 (PE) Interleukin-2 Receptor Lymphocytes Monoclonal Antibody.

**Description:** Identification of human T cells expressing the 22-28,000 M.W. surface antigen. CD3 is present on 65-85% thymocytes and has a mitogenic effect on peripheral blood T cells. The CD3 epitope is expressed on the epsilon chain of the CD3/T cell antigen receptor (TcR) complex. Identification of human receptor for Interleukin-2 (IL-2R) expressing the 55,000 M.W. surface antigen.

**Isotypes:** Mouse IgG1 kappa (FITC) and Mouse IgG1 kappa (PE)

**Clones:** M2AB (CD3 FITC) and 1TYV (CD25 PE)

**Applications:** Monitoring of T cells subsets in peripheral blood; Characterization of subtypes of T cell leukemias and lymphomas; Analysis of CD3 complex related to the T-cell antigen receptor; Studies of AIDS virus infection; Monitoring of activated T cells in peripheral blood; Analysis of NK subsets; Study of B cell activation.

**Use:** PBMC: Add 10 µl of MAB/10<sup>6</sup> PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 2<sup>o</sup> to 8<sup>o</sup>C. 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<sup>o</sup>C). 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<sup>o</sup> 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	0325s
	Bi-Test™	100 Test	0325

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

## REFERENCES:

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