



## Bi-Test™ CD2 FITC - HLA-DR PE

**Product:** Anti-human CD2 FITC T cell Monoclonal Antibody and HLA-DR PE B Lymphocytes Monoclonal Antibody.

**Description:** Identification of human T cells and subset of NK cells associated with the receptor for sheep erythrocytes rosettes expressing the 45-50,000 M.W. surface antigen. Identification of human B cell and T cell subset associated approximately 10% of peripheral blood lymphocytes 28-34,000 M.W. surface antigen, also low density on monocytes and macrophages.

**Isotypes:** Mouse IgG-2a kappa (FITC) and Mouse IgG-2a kappa (PE)

**Clones:** T6.3 (CD2 FITC) and 423L (HLA-DR PE)

**Applications:** Monitoring of T cells in peripheral blood; Analysis of NK subsets; Study of T cell activation; Monitoring of B cells in peripheral blood; Study of B cell activation; Study of B cell neoplasms.

**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	02DRs
	Bi-Test™	100 Test	02DR

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

## REFERENCES:

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