



Bi-Test™ CD45 FITC-CD14 PE

Product: Anti-human Leukocyte (HLe-1) and Monocyte /Macrophage Monoclonal Antibody.

Description: Identification of all human leukocytes, lymphocytes, monocytes, polymorphonuclear cells, eosinophils and basophils in peripheral blood expressing the 180-220 kDa M.W. T200 family surface antigen. CD45 is also present on thymus, spleen, tonsil and progenitor cells in bone marrow. CD14 is present on 70-93% of Monocyte/Macrophage cells in normal peripheral blood. Identification of human Monocyte/Macrophage cells expressing the 55 kDa M.W. surface antigen

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

Clone: BHPT-1 (CD45 FITC) and E735.0 (CD14 PE)

Applications: Monitoring of Monocyte/Macrophage cell subsets in peripheral blood; Characterization of subtypes of leukemia's and lymphomas; Study of AIDS virus infection; Analysis of hematopoietic maturation; Monitoring of Leukocyte cell subsets in peripheral blood; Studies of progenitor cells in bone marrow.

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 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 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	4514S
	Bi-Test™	100 Test	4514

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

REFERENCES:

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