



Bi-Test™ CD10 FITC - CD19 PE

Product: Anti-human CD10 FITC Common Acute Lymphoblastic Antigen (CALLA) Monoclonal Antibody and Anti-human CD19 PE B Lymphocytes Monoclonal Antibody.

Description: Anti-hCD10 recognizes a human common acute lymphoblastic antigen (CALLA), MW 100 kDa. The CD10 antigen is identical to human membrane-associated neutral endopeptidase (NEP; EC 3.3.24.11), also known as enkephalinase. The CD10 antigen is found on lymphocytes from patients with acute B-lymphoid leukemia. The antigen is also present on a wide variety of normal and neoplastic cell types including renal epithellum, fibroblasts, granulocytes and some lymphoma, melanoma and glioma cell lines. Identification of CD19 PE human B cells associated approximately 10% of peripheral blood lymphocytes expressing the 95,000 M.W. surface antigen.

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

Clones: RXB.14 (CD10 FITC) and 1G9 (CD19 PE).

Applications: Monitoring of T cells subsets in peripheral blood; Characterization of subtypes of T cell leukemias and lymphomas; Analysis of B cell subsets; Study of B cell activation; Study of B cell neoplasms; Monitoring of B cells in peripheral blood.

Use: PBMC: Add 10 μ l of MAB/ 10^6 PBMC in 100 μ l PBS. Mix gently and incubate for 15 minutes at 20 to 8°C. Wash twice with 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°C. Lyse the whole blood. Wash once with 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°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	1019S
	Bi-Test™	100 Test	1019

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

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