Bi-Test™ CD2 FITC - CD7 PE

Product: Anti-human CD2 FITC T and NK subset Lymphocytes Cell Monoclonal Antibody and Anti-Human CD7 PE T Cell Monoclonal Antibody.

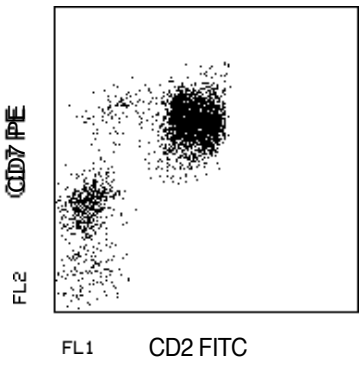
Description: Identification of human T cells and subset of NK cells associated with the receptor for sheep erythocytes rosettes expressing the 45-50,000 M.W. surface antigen. Identification of human T lymphocytes in multiple stages of T cell development, including a major subset of mature peripheral T cell. CD7 antigen is often increased on T leukemic cells. The CD7 molecule is a 40,000 M.W. surface antigen that is expressed on T-Lymphoid and myeloid precursors in fetal liver and bone marrow.

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

Clones: T6.3 (CD2 FITC) and G34 (CD7 PE)

Applications: Monitoring of T cells subsets in peripheral blood; Characterization of subtypes of T cell leukemia's and lymphomas; Analysis of NK subsets; Study of T cell activation; Study of lymphoid and myeloid precursors; Study of bone marrow transplantation.

Use: PBMC: Add10 µl of MAB/10^6 PBMC in 100 µl 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: Add10 µl of MAB /100 µl 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.



Gated Lymphocytes

Legend: Peripheral Blood Lymphocytes Stained with Exalpha's Bi-Test CD2 FITC- CD7 PE Two Color Staining Kit.

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^o 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 #**

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

Exalpha Biologicals, Inc., 2 Shaker Rd, #B101, Shirley, MA 01464
Tel: 800.395.1137 or 978.425.1370, Fax: 866.924.5100 or 978.425.1376, Web: www.exalpha.com

Bi-Test™ 50 Test 0027

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