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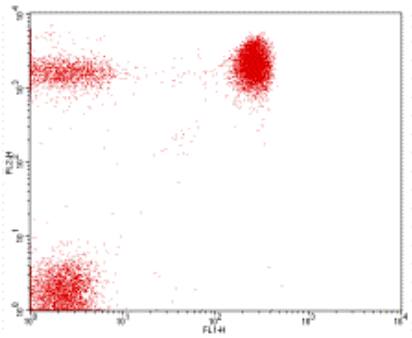
Anti-Human CD4 FITC

Catalog Number: 11-0049
Also Known As:Leu-3, T4
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Anti-Human CD3 PE (cat. 12-0038) and Anti-Human CD4 FITC. Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD4 FITC
REF Catalog Number: 11-0049
Clone: RPA-T4
Concentration: ug size: 0.5 mg/mL; test size: 5 uL (1 ug)/test
Host/Isotype: Mouse IgG1, kappa
HLDA Workshop: IV T114

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.
LOT Batch Code: Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

Description

The RPA-T4 monoclonal antibody reacts with human CD4, a 59 kDa cell surface receptor expressed by a majority of thymocytes, subpopulation of mature T cells (T-helper cells) and in low levels on monocytes. CD4 is a receptor for the human immunodeficiency virus (HIV). RPA-T4 blocks HIV binding and mixed lymphocyte reaction. The RPA-T4 antibody recognizes a different epitope than the OKT4 monoclonal antibody, and these antibodies do not cross-block binding to each other's respective epitopes.

Applications Reported

The RPA-T4 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This RPA-T4 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µL (1 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.

Related Products

11-4714 Mouse IgG1 K Isotype Control FITC (P3.6.2.1)
12-0038 Anti-Human CD3 PE (UCHT1)

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