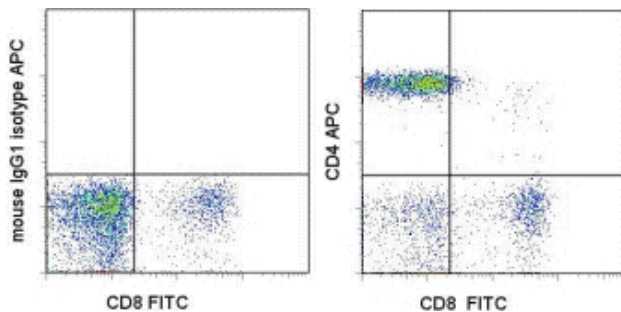


Anti-Human CD4 APC

Catalog Number: 17-0047

Also Known As: Leu-3, T4

RUO: For Research Use Only



Staining of normal human peripheral blood cells with Anti-Human CD8a FITC (cat. 11-0088) and Mouse IgG1 kappa Isotype Control APC (cat. 17-4714) (left) or Anti-Human CD4 APC (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD4 APC


REF **Catalog Number:** 17-0047

Clone: SK3 (SK-3)


Concentration: 5 μ L (0.125 μ g)/test

Host/Isotype: Mouse IgG1, kappa

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 SK3 monoclonal antibody reacts with human CD4, a 59-kDa cell surface receptor expressed by a majority of thymocytes, a subpopulation of mature T helper cells, and, in low levels, monocytes. CD4 is a receptor for the human immunodeficiency virus (HIV). SK3 blocks HIV binding and mixed lymphocyte reaction. The SK3 and RPA-T4 monoclonal antibodies do not cross-block binding, suggesting recognition of distinct epitopes.

Applications Reported

This SK3 (SK-3) antibody has been reported for use in flow cytometric analysis.

Applications Tested

This SK3 (SK-3) antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 μ L (0.125 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. 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

12-0088 Anti-Human CD8a PE (RPA-T8)

17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.1)

46-0198 Anti-Human CD19 PerCP-eFluor® 710 (SJ25C1)

48-0037 Anti-Human CD3 eFluor® 450 (Pacific Blue® replacement) (OKT3)

Not for further distribution without written consent.

Copyright © 2000-2010 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com