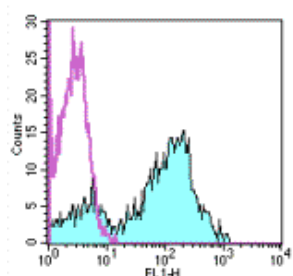


Anti-Human CD5 FITC

Catalog Number: 11-0059

Also Known As: Leu-1, T1

RUO: For Research Use Only



Staining of normal human peripheral blood cells with Mouse IgG1 κ Isotype Control FITC (cat. 11-4714) (open histogram) or Anti-Human CD5 FITC (filled histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD5 FITC

REF Catalog Number: 11-0059


Clone: UCHT2

Concentration: Suffix -71/73, 20 μ L (1 μ g)/test; Suffix -41/42, 5 μ L (1 μ g)/test

Host/Isotype: Mouse IgG1, κ


HLDA Workshop: III 518

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 UCHT2 monoclonal antibody reacts with human CD5, a 67 kDa protein expressed by a majority of thymocytes and mature T cells and a subset of B cells. Signaling through the CD5 molecule activates T cells and binding of CD5 to its ligand on B cells, CD72, and plays an important role in T-B interaction and proliferation.

The monoclonal antibody UCHT2 recognizes primate CD5.

Applications Reported

The UCHT2 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The UCHT2 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. Refer to catalog number suffix on the vial for amount to use per test: 71/73 are 20 μ L (1 μ g) per test; whereas 41/42 are 5 μ L (1 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

Kap YS, van Meurs M, van Driel N, Koopman G, Melief MJ, Brok HP, Laman JD, 't Hart BA. A monoclonal antibody selection for immunohistochemical examination of lymphoid tissues from non-human primates. *J Histochem Cytochem.* 2009 Dec;57(12):1159-67. (UCHT2, IHC frozen, primate, PubMed)

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

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