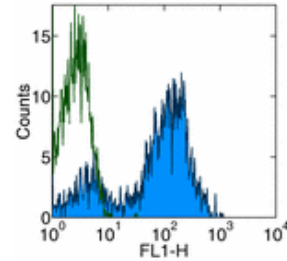


Product Information

Contents: Phycoerythrin (PE) anti-human CD5
Catalog Number: 12-0059
Sizes: 25 tests, 100 tests
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃, 0.2% BSA
Storage Conditions: Store at 4°C.
DO NOT FREEZE.
LIGHT-SENSITIVE MATERIAL.
Clone: UCHT2
Isotype: Mouse IgG1, κ
HLDA No.: III 518



Surface staining of normal human peripheral blood cells with anti-human CD5 (UCHT2) FITC. Appropriate isotype controls were used (open histogram). Cells in the lymphocyte population were used for analysis.

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-0059	FITC anti-human CD5	488	518	FC
12-0059	PE anti-human CD5	488	575	FC
13-0059	Biotin anti-human CD5	N/A	N/A	FC
14-0059	Affinity Purified anti-human CD5	N/A	N/A	FC IHC WB
25-0059	Coming Soon! - Phycoerythrin-Cy7 (PE-Cy7) anti-human CD5	488	760	FC

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.

Usage

For research use only, not for diagnostic or therapeutic use. 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. This can be used at 20 µl per 100 µl blood (or per 1 million cells in 100 µl total staining volume).

Related Products

Cat. 11-0059 FITC anti-human CD5 (clone UCHT2)
Cat. 13-0059 Biotin anti-human CD5 (clone UCHT2)
Cat. 14-0059 Affinity Purified anti-human CD5 (clone UCHT2)
Cat. 12-4714 Phycoerythrin (PE) Mouse IgG1, K Isotype Control

References

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

