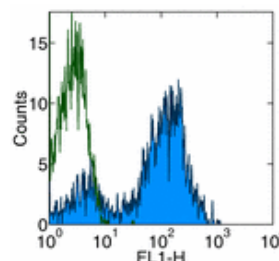


## Product Information

Contents: Affinity Purified anti-human CD5  
Catalog Number: 14-0059  
Sizes: 25 ug, 100 ug  
Formulation: Phosphate buffer pH 7.2,  
150 mM NaCl, 0.09% NaN<sub>3</sub>  
Storage Conditions: Store at 4°C.  
Avoid repeated freeze/thaw cycles.  
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, immunoblotting (WB), and immunohistochemical staining.

### Applications Tested

The UCHT2 antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 1 µg per 100 µl blood (or per 1 million cells in 100 µl total staining volume). It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### Related Products

Cat. 11-0059 FITC anti-human CD5 (clone UCHT2)  
Cat. 12-0059 PE anti-human CD5 (clone UCHT2)  
Cat. 13-0059 Biotin anti-human CD5 (clone UCHT2)  
Cat. 11-4011 FITC Anti-Mouse IgG  
Cat. 13-4013 Biotin Anti-Mouse IgG (clone Polyclonal)  
Cat. 11-4317 Streptavidin-FITC (Fluorescein isothiocyanate)  
Cat. 12-4317 Streptavidin-PE (Phycoerythrin)  
Cat. 17-4317 Streptavidin Allophycocyanin (SA-APC)  
Cat. 14-4714 Affinity Purified Mouse IgG1, K Isotype Control  
Cat. 18-8877 Mouse TrueBlot™: Horseradish Peroxidase (HRP) anti-mouse IgG

## References

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

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