

**PerCP-Cy5.5 Anti-Human CD5 (UCHT2) Antibody**  
**Catalog # ATB10379****Specification****PerCP-Cy5.5 Anti-Human CD5 (UCHT2) Antibody - Product Information**

Application	FC
Isotype	PerCP-Cy5.5
Concentration	5 uL (0.25 ug)/test
Reactivity	Human
Formulation	10 mM NaH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, 0.09% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , 0.1% gelatin, pH7.2
Host	Mouse

**PerCP-Cy5.5 Anti-Human CD5 (UCHT2) Antibody - Additional Information**

Gene ID	921
Gene Name	CD5
<b>Alternative Name(s)</b>	
Leu-1, T1	

**Format**  
PerCP-Cy5.5**Preparation**

This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

**Application Notes**

This antibody preparation has been pre-titrated and quality-tested for flow cytometry using an appropriate cell type. The antibody has been diluted for use at 5 uL per test, defined as the amount of antibody that will stain a cell sample in a final volume of approximately 100 uL. The number of cells within a sample should be determined empirically, but typically ranges between 1x10<sup>5</sup> to 1x10<sup>8</sup> cells.

**Storage Conditions**

2-8°C protected from light

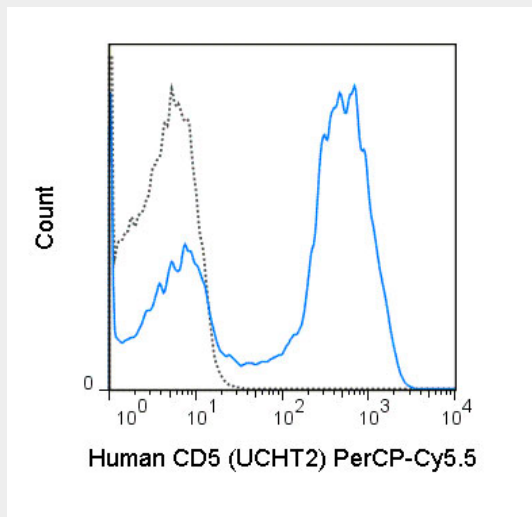
**PerCP-Cy5.5 Anti-Human CD5 (UCHT2) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **PerCP-Cy5.5 Anti-Human CD5 (UCHT2) Antibody - Images**



Human peripheral blood lymphocytes were stained with 5 uL (0.25 ug) PerCP-Cy5.5 Anti-Human CD5 (ATB10379) (solid line) or 0.25 ug PerCP-Cy5.5 Mouse IgG1 isotype control (dashed line).

#### **PerCP-Cy5.5 Anti-Human CD5 (UCHT2) Antibody - Background**

The UCHT2 antibody is specific for human CD5, a 67 kD transmembrane glycoprotein, that is expressed on most thymocytes, mature T cells, and a subset of B cells. CD5 is involved in modulating antigen receptor signaling in both T and B cells and binds to CD72, expressed on B cells.

#### **PerCP-Cy5.5 Anti-Human CD5 (UCHT2) Antibody - References**

Knapp W, Dorken B, et al. eds. 1989. Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York. Luo W, Van de Velde H, von Hoegen I, Parnes JR, Thielemans K. 1992. J Immunol. 148(6):1630-1634. Tarakhovsky A, Kanner SB, Hombach J, et al. 1995. Science. 269(5223):535-537.