

## APC/Cyanine 7 Anti-Human CD5 Antibody[UCHT2]

Catalog Number: E-AB-F1041N

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

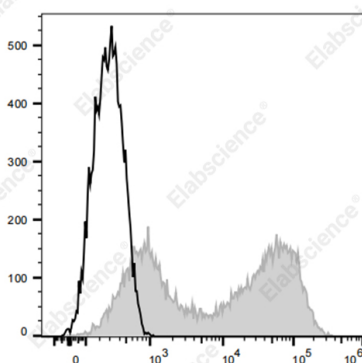
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, κ
<b>Clone No.</b>	UCHT2
<b>Isotype Control</b>	APC/Cyanine 7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792N]
<b>Conjugation</b>	APC/Cyanine 7
<b>Conjugation Information</b>	APC/Cyanine 7 is designed to be excited by the Red (627-640 nm) lasers and detected using an optical filter centered near 780 nm (e.g., a 780/60 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Data



Staining of normal human peripheral blood cells with APC/Cyanine7 Anti-Human CD5 Antibody[UCHT2](filled gray histogram)or APC/Cyanine7 Mouse IgG1,κ Isotype Control(empty black histogram). Cells in the Lymphocytes gate were used for analysis.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	T-cell surface glycoprotein CD5;CD5;Lymphocyte antigen T1/Leu-1;LEU1
<b>Uniprot ID</b>	P06127
<b>Gene ID</b>	921

### For Research Use Only

## Background

CD5 is a 67 kD single chain type I glycoprotein also known as Leu-1, Ly-1 and T1. It is a member of the scavenger receptor superfamily found on T cells, thymocytes, B cell subsets, chronic B lymphocytic leukemia (B-Cells), and peripheral blood dendritic cells. CD5 modulates T and B cell receptor signaling, thymocyte maturation, and T-B cell interactions upon binding to ligands such as CD72.