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# FITC Anti-Human CD5 Antibody[UCHT2]

UCHT2

Catalog Number: E-AB-F1041C

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

#### Description

Clone No.

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C] Isotype Control

Conjugation

**Conjugation Information** FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

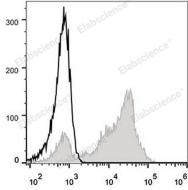
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### **Applications** Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. 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). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

#### Data



Human peripheral blood lymphocytes are stained with FITC Anti-Human CD5 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

#### **Preparation & Storage**

Keep as concentrated solution. Storage

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

**Shipping** Ice bag

#### **Antigen Information**

CD5;LEU1;Lymphocyte antigen T1/Leu-1;T-cell surface glycoprotein CD5 **Alternate Names** 

P06127 **Uniprot ID** Gene ID 921

### For Research Use Only

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#### **Elabscience Bionovation Inc.**



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## **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 cell s. CD5 modulates T and B cell receptor signaling, thymocyte maturation, and T-B cell interactions upon binding to ligands such as CD72.

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