FITC Plus Anti-Human CD5 (UCHT2) Rabbit Recombinant Antibody

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:FITC-65513

Basic Information

Catalog Number: FITC-65513	**GenBank Accession Number:** BC027901	**Purification Method:** Affinity purification
Size: 100tests , 5 μl/test	**GeneID (NCBI):** 921	**CloneNo.:** UCHT2
Source: Rabbit	**ENSEMBL Gene ID:** ENSG00000110448	**Excitation/Emission maxima wavelengths:** 495 nm / 524 nm
Isotype: IgG	**Full Name:** CD5 molecule	
	Calculated MW: 495 aa, 55 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

CD5 is a type I transmembrane glycoprotein of the scavenger receptor cysteine-rich family (PMID: 12403363). CD5 is expressed on a majority of thymocytes, mature T cells, B cell subsets, and peripheral blood dendritic cells (PMID: 9858516; 6156984; 10379049; 1384337). CD5 may act as a receptor in regulating T-cell proliferation. It functions as a negative regulator of TCR signaling during thymocyte development (PMID: 7542801).

Storage

Storage:
Store at 2-8℃. Avoid exposure to light. Stable for one year after shipment.
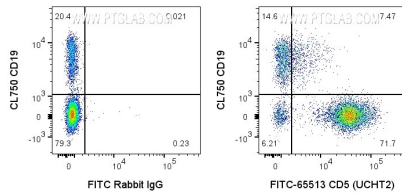**Storage Buffer:**
PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data

1x10^6 human PBMCs were surface stained with CL750 Anti-Human CD19 and 5 ul FITC Plus Anti-Human CD5 Rabbit Recombinant Antibody (FITC-65513, Clone:UCHT2) or FITC-conjugated Rabbit IgG control PolyAb (FITC-30000). Cells were not fixed. Lymphocytes were gated.
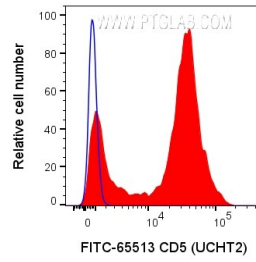
1x10^6 human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD5 Rabbit Recombinant Antibody (FITC-65513, Clone:UCHT2) or FITC-conjugated Rabbit IgG control PolyAb (FITC-30000). Cells were not fixed. Lymphocytes were gated.