

For Research Use Only

# Anti-Human CD5 (UCHT2) Rabbit Recombinant Antibody



Catalog Number: 65513-1-RR

## Basic Information

|                                      |  |  |
|--------------------------------------|--|--|
| <b>Catalog Number:</b><br>65513-1-RR | <b>GenBank Accession Number:</b><br>BC027901 | <b>Purification Method:</b><br>Affinity purification |
| <b>Size:</b><br>100ug, 0.5 mg/ml     | <b>GeneID (NCBI):</b><br>921                 | <b>CloneNo.:</b><br>UCHT2                            |
| <b>Source:</b><br>Rabbit             | <b>ENSEMBL Gene ID:</b><br>ENSG00000110448   |  |
| <b>Isotype:</b><br>IgG               | <b>Full Name:</b><br>CD5 molecule            |  |
|                                      | <b>Calculated MW:</b><br>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

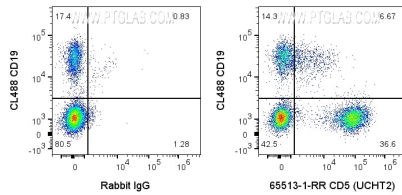
**Storage:**  
Store at 2-8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

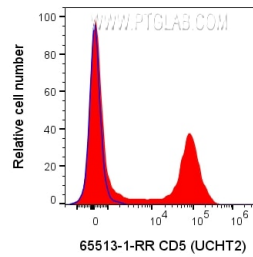
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.2 ug Anti-Human CD5 Rabbit Recombinant Antibody (65513-1-RR, Clone:UCHT2) or Rabbit IgG control PolyAb, and CoraLite®647-conjugated AffiniPure F(ab')<sub>2</sub> Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7) at dilution 1:1000. Cells were then stained with CL488-conjugated Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.



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