

For Research Use Only



# Anti-Human CD5 (UCHT2) Rabbit Recombinant Antibody, PBS Only

Catalog Number: 65513-1-PBS

## Basic Information

Catalog Number:

65513-1-PBS

Size:

1mg, 1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC027901

GeneID (NCBI):

921

ENSEMBL Gene ID:

ENSG00000110448

Full Name:

CD5 molecule

Calculated MW:

495 aa, 55 kDa

Purification Method:

Affinity purification

CloneNo.:

UCHT2

## 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 -80°C. Stable for one year after shipment.

Storage Buffer:

PBS only

For technical support and original validation data for this product please contact:

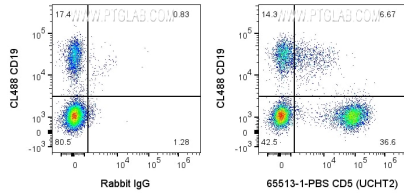
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

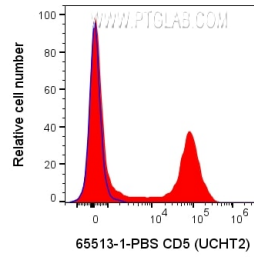
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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.2 ug Anti-Human CD5 Rabbit Recombinant Antibody (65513-1-PBS, 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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