

For Research Use Only

# FcZero-rAb® APC Anti-Human CD5 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98054



## Basic Information

**Catalog Number:**

APC-FcA98054

**Size:**

100 tests, 5 ul/test

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

EG1119

**GenBank Accession Number:**

NM\_014207.4

**GeneID (NCBI):**

921

**ENSEMBL Gene ID:**

ENSG00000110448

**UNIPROT ID:**

P06127

**Full Name:**

CD5 molecule

**Calculated MW:**

55 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

240428A12

**Recommended Dilutions:**

FC: 5 ul per 10<sup>6</sup> cells in a 100 µl suspension

**Excitation/Emission maximum wavelengths:**

650 nm / 660 nm

## Applications

**Tested Applications:**

FC

**Species Specificity:**

human

**Positive Controls:**

FC : human PBMCs,

## 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. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

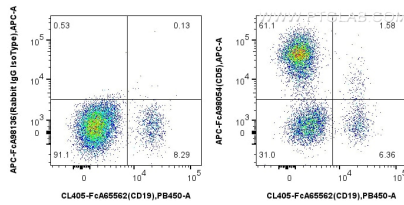
For technical support and original validation data for this product please contact:

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

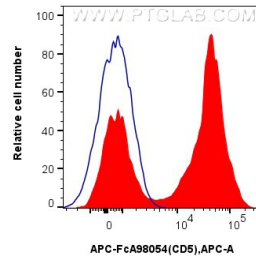
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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 CoraLite® Plus 405 Anti-Human CD19 (4G7), and 5 ul APC Anti-Human CD5 Rabbit RecAb (APC-FcA98054, Clone: 240428A12) or Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul APC Anti-Human CD5 Rabbit RecAb (APC-FcA98054, Clone: 240428A12) (red) or Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.