

For Research Use Only

# FcZero-rAb™ APC Anti-Human CD5 (L17F12) Rabbit IgG Recombinant Antibody

Catalog Number: APC-FcA65599



## Basic Information

Catalog Number:

APC-FcA65599

Concentration:

100 tests, 5 µl/test

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:

Protein A purification

CloneNo.:

L17F12

Recommended Dilutions:

FC: 5 µl per 10<sup>6</sup> cells in 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:

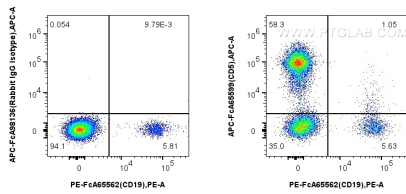
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 FcZero-rAb™ PE Anti-Human CD19 (4G7), and 5 ul APC Anti-Human CD5 (L17F12) Rabbit IgG RecAb (APC-FcA65599, Clone: L17F12) or APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9). Cells were not fixed.