

For Research Use Only

# CoraLite® Plus 555 Anti-Human CD5 (L17F12)



Catalog Number: **CL555-65200**

## Basic Information

### Catalog Number:

CL555-65200

### Size:

100 tests, 5 µl/test

### Source:

Mouse

### Isotype:

IgG2a, kappa

### GenBank Accession Number:

BC027901

### GeneID (NCBI):

921

### ENSEMBL Gene ID:

ENSG00000110448

### UNIPROT ID:

P06127

### Full Name:

CD5 molecule

### Calculated MW:

495 aa, 55 kDa

### Purification Method:

Protein A purification

### CloneNo.:

L17F12

### Excitation/Emission maxima wavelengths:

554 nm / 570 nm

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

### Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

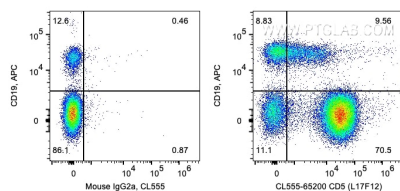
For technical support and original validation data for this product please contact:

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

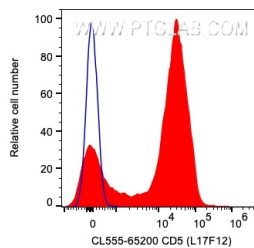
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface co-stained with APC Anti-Human CD19 and 5 ul CoraLite® Plus 555 Anti-Human CD5 (CL555-65200, Clone:L17F12) or Mouse IgG2a Isotype Control. Cells were not fixed. Lymphocytes were gated.



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul CoraLite® Plus 555 Anti-Human CD5 (CL555-65200, Clone:L17F12) (red) or Mouse IgG2a Isotype Control. Cells were not fixed. Lymphocytes were gated.