

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:

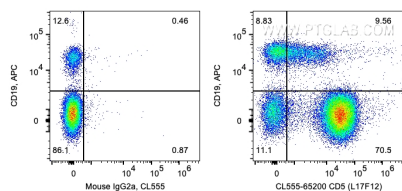
T: 4006900926

E: Proteintech-CN@ptglab.com

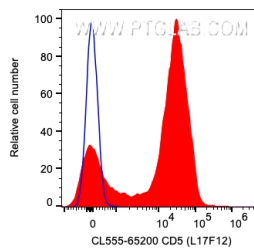
W: ptgcn.com

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

Selected Validation Data



1X10⁶ 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.



1X10⁶ 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.