

For Research Use Only

CoraLite®647-conjugated CD5 Mouse McAb



Catalog Number: CL647-65200

Basic Information

Catalog Number:

CL647-65200

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

Mouse IgG2a, kappa

GenBank Accession Number:

BC027901

GeneID (NCBI):

921

Full Name:

CD5 molecule

Calculated MW:

495 aa, 55 kDa

Purification Method:

Protein A purification

CloneNo.:

L17F12

Excitation/Emission maxima
wavelengths:

650 nm/665 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.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

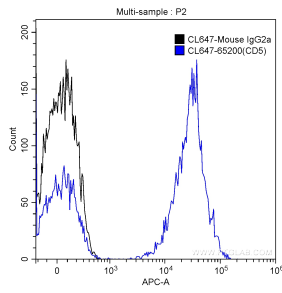
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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

Selected Validation Data



1X10⁶ human peripheral blood lymphocytes were surface stained with 5 ul CoraLite®647-conjugated Anti-Human CD5 (CL647-65200, Clone: L17F12) (blue) or isotype control antibody (black). Samples were not fixed.