

For Research Use Only

Cardinal Red™ Anti-Human CD5 (UCHT2)



Catalog Number: **CR-65152**

Basic Information

Catalog Number: CR-65152	GenBank Accession Number: BC027901	Purification Method: Affinity purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 921	CloneNo.: UCHT2
Source: Mouse	Full Name: CD5 molecule	Excitation/Emission maxima wavelengths: 592 nm / 611 nm
Isotype: IgG1, kappa	Calculated MW: 495 aa, 55 kDa	

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

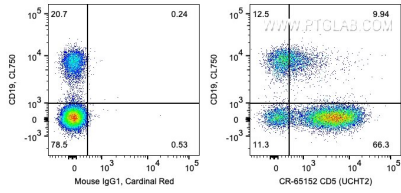
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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
W: ptglab.com

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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with CL750 Anti-Human CD19 and 5 ul Cardinal Red™ Anti-Human CD5 (CR-65152, Clone: UCHT2) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.