For Research Use Only

Atlantic Blue™ Anti-Human CD5 (UCHT2)

Catalog Number:AB-65152

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
AB-65152

Size:
100tests , 5 ul/test

Source:
Mouse

Isotype:
IgG1, kappa

GenBank Accession Number:
BC027901

GeneID (NCBI):
921

ENSEMBL Gene ID:
ENSG00000110448

Full Name:
CD5 molecule

Calculated MW:
495 aa, 55 kDa

Purification Method:
Affinity purification

CloneNo.:
UCHT2

Recommended Dilutions:
FC: 5 ul per 10^6 cells in 100 µl suspension

Excitation/Emission maxima wavelengths:
404 nm / 458 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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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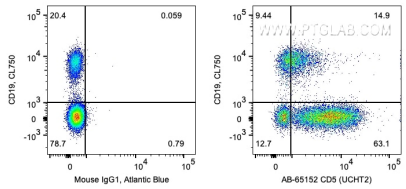
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10^6 human PBMCs were surface co-stained with CL750 Anti-Human CD19 and 5 ul Atlantic Blue™ Anti-Human CD5 (AB-65152, Clone: UCHT2) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.