

For Research Use Only

Anti-Human CD5 (UCHT2)

Catalog Number: 65152-1-Ig



Basic Information

Catalog Number:

65152-1-Ig

Size:

100ug , 500 µg/ml

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:

Protein A purification

CloneNo.:

UCHT2

Recommended Dilutions:

FC: 0.2 ug per 10⁶ cells in 100 µl suspension

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

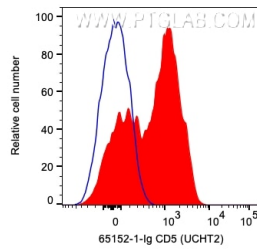
For technical support and original validation data for this product please contact:

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

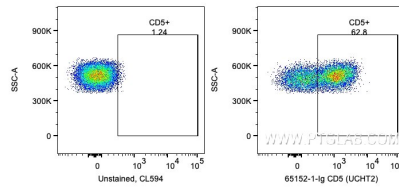
E: proteintech@ptglab.com
W: ptglab.com

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 stained with 0.2 ug Anti-Human CD5 (65152-1-Ig, Clone:UCHT2) and CoraLite®594-Conjugated Goat Anti-Mouse IgG(H+L) at dilution 1:1000 or unstained. Cells were not fixed. Lymphocytes were gated.



1X10⁶ human PBMCs were surface stained with 0.2 ug Anti-Human CD5 (65152-1-Ig, Clone:UCHT2) and CoraLite®594-Conjugated Goat Anti-Mouse IgG(H+L) at dilution 1:1000 or unstained. Cells were not fixed. Lymphocytes were gated.