

For Research Use Only

# Anti-Human CD5 (UCHT2) Mouse IgG2a Recombinant Antibody



Catalog Number: 65609-1-MR

## Basic Information

<b>Catalog Number:</b> 65609-1-MR	<b>GenBank Accession Number:</b> BC027901	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, 1 mg/ml	<b>GeneID (NCBI):</b> 921	<b>CloneNo.:</b> UCHT2
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000110448	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> CD5 molecule	
	<b>Calculated MW:</b> 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. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

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

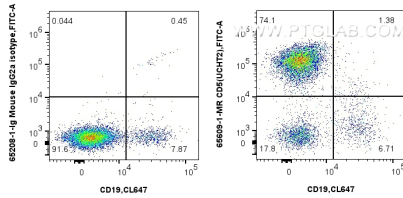
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

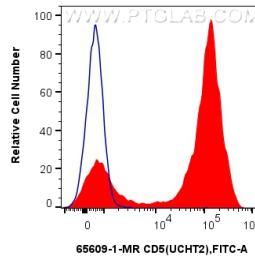
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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD5 Mouse IgG2a Recombinant Antibody (65609-1-MR, Clone: UCHT2) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4) and CoraLite® 488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD5 Mouse IgG2a Recombinant Antibody (65609-1-MR, Clone: UCHT2) (red) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4) (blue) and CoraLite® 488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were not fixed. Lymphocytes were gated.