

For Research Use Only

# Anti-Mouse CD5 Rabbit scFv Antibody, PBS Only

Catalog Number: SF98038-2-PBS



## Basic Information

<b>Catalog Number:</b> SF98038-2-PBS	<b>GenBank Accession Number:</b> NM_007650.3	<b>Purification Method:</b> Affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 12507	<b>CloneNo.:</b> 240244A7
<b>Type:</b> IgG	<b>Full Name:</b> CD5 antigen	
<b>Immunogen Catalog Number:</b> EG0899	<b>Calculated MW:</b> 54 kDa	

## Applications

**Tested Applications:**  
FC, Indirect ELISA

**Species Specificity:**  
mouse

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

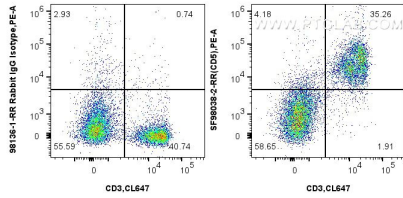
T: 4006900926

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

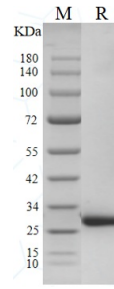
W: [ptgcn.com](http://ptgcn.com)

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

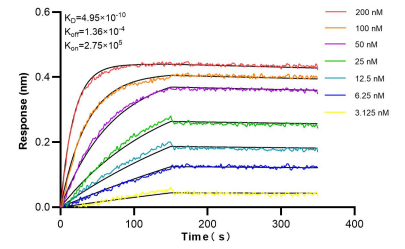
## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD5 Rabbit scFv Antibody (SF98038-2-RR, Clone: 240244A7) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE Anti-GGGS Linker Rabbit Recombinant Antibody. Cells were then stained with CoraLite® Plus 647 Anti-Mouse CD3. Cells were not fixed. This data was developed using the same antibody clone with SF98038-2-PBS in a different storage



Purity of Recombinant ScFv antibody (Cat No.: SF98038-2-RR) was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and condition and stained using Coomassie blue.



Biacore BLI kinetic assays of SF98038-2-RR against Mouse CD5 were performed. The affinity constant is 0.495 nM.