

For Research Use Only

Anti-Mouse CD5 Rabbit scFv Antibody, PBS Only

Catalog Number: SF98038-2-PBS



Basic Information

Catalog Number: SF98038-2-PBS	GenBank Accession Number: NM_007650.3	Purification Method: Affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 12507	CloneNo.: 240244A7
Source: Rabbit	Full Name: CD5 antigen	
Type: IgG	Calculated MW: 54 kDa	
Immunogen Catalog Number: EG0899		

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

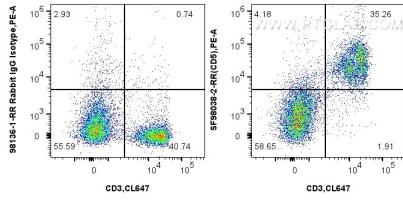
Storage:
Store at -80°C.

Storage Buffer:
PBS only, 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

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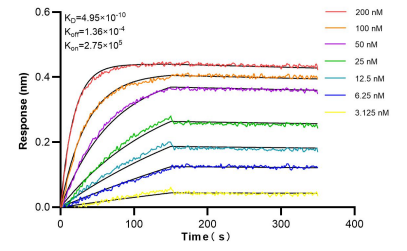
Selected Validation Data



1x10⁶ 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.



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