

For Research Use Only

Anti-Rat CD90 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98162-1-PBS



Basic Information

Catalog Number: 98162-1-PBS	GenBank Accession Number: NM_012673.2	Purification Method: Protein A purification
Size: 1mg, 2 mg/ml	GeneID (NCBI): 24832	CloneNo.: 241388F3
Source: Rabbit	UNIPROT ID: P01830	
Isotype: IgG	Full Name: Thy-1 cell surface antigen	
	Calculated MW: 18 kDa	

Applications

Tested Applications:
FC

Species Specificity:
rat

Background Information

CD90 (Thy-1) is a 25 kDa, GPI-linked membrane glycoprotein that belongs to immunoglobulin superfamily (PMID: 6177036; 6153212). Originally described as a brain thymus cross-reactive antigen, it is found in large quantities on mouse and rat thymocytes and central nervous system cells (PMID: 83175). CD90 has been postulated to be involved in cellular recognition, adherence, and T cell activation (PMID: 7683034).

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

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

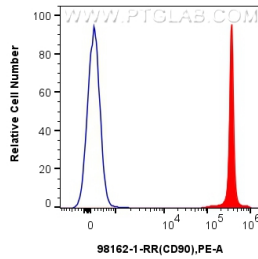
T: 4006900926

E: Proteintech-CN@ptglab.com

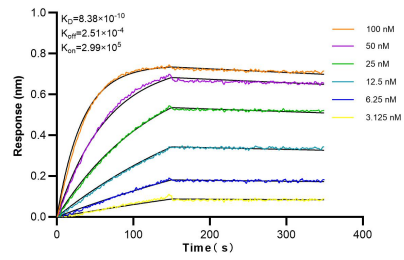
W: ptgcn.com

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Selected Validation Data



1×10^6 rat thymocytes were surface stained with 0.25 μ g Anti-Rat CD90 Rabbit Recombinant Antibody (98162-1-RR, Clone:241388F3) (red) or 0.25 μ g Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98162-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98162-1-RR against Rat CD90 were performed. The affinity constant is 0.836 nM.