

For Research Use Only

Anti-Human CD90 Rabbit Recombinant Antibody

Catalog Number: 98126-1-RR



Basic Information

Catalog Number: 98126-1-RR	GenBank Accession Number: BC065559	Purification Method: Protein A purification
Size: 100ug, 1000 ug/ml	GeneID (NCBI): 7070	CloneNo.: 241290B2
Source: Rabbit	UNIPROT ID: P04216	
Isotype: IgG	Full Name: Thy-1 cell surface antigen	
	Calculated MW: 161 aa, 18 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

CD90, also known as THY1, is a 25-35 kD protein that is expressed on 1-4% of human fetal liver cells, cord blood cells, and bone marrow cells. CD90 is one of the essential surface molecules expressed on human MSC from bone marrow and other sources. Activation of Thy-1 has been reported to promote T cell activation. It also affects numerous nonimmunologic biological processes, including cellular adhesion, neurite outgrowth, tumor growth, migration, and cell death.

Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

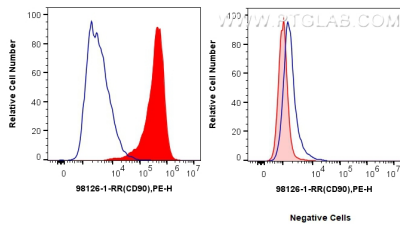
T: 4006900926

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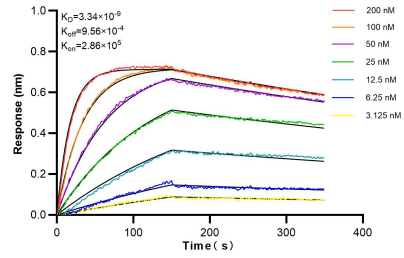
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Selected Validation Data



1×10^6 Hel 92.1.7 cells (left) or K562 cells (right) were surface stained with 0.25 μ g Anti-Human CD90 Rabbit Recombinant Antibody (98126-1-RR, Clone: 241290B2) (red) or 0.25 μ g Isotype Control (blue), and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98126-1-RR against Human CD90 were performed. The affinity constant is 3.34 nM.