

For Research Use Only

Anti-Mouse CD9 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98270-1-PBS



Basic Information

Catalog Number: 98270-1-PBS	GenBank Accession Number: NM_007657.3	Purification Method: Protein A purification
Concentration: 1mg, 2 mg/ml	GeneID (NCBI): 12527	CloneNo.: 242432C7
Source: Rabbit	UNIPROT ID: P40240	
Isotype: IgG	Full Name: CD9 antigen	
Immunogen Catalog Number: EG1397	Calculated MW: 25 kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

Background Information

The cell-surface molecule CD9, a member of the transmembrane-4 superfamily, interacts with the integrin family and other membrane proteins, and is postulated to participate in cell migration and adhesion. Expression of CD9 enhances membrane fusion between muscle cells and promotes viral infection in some cells (PMID:10459022). It is often used as a mesenchymal stem cell marker (PMID:18005405).

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:

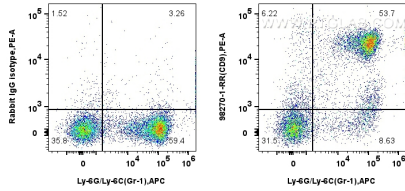
T: 4006900926

E: Proteintech-CN@ptglab.com

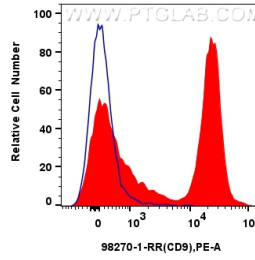
W: ptgcn.com

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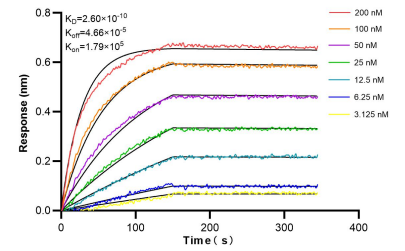
Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD9 Rabbit Recombinant Antibody (98270-1-RR, Clone: 242432C7) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with APC Anti-Mouse Ly-6G/Ly-6C (Gr-1). Cells were not fixed. This data was developed using the same antibody clone with 98270-1-PBS in a different storage



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD9 Rabbit Recombinant Antibody (98270-1-RR, Clone: 242432C7)(red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98270-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 98270-1-RR against Mouse CD9 were performed. The affinity constant is 0.26 nM.