

For Research Use Only

Anti-Human CD59 Rabbit Recombinant Antibody

Catalog Number: 98099-1-RR



Basic Information

Catalog Number: 98099-1-RR	GenBank Accession Number: BC001506	Purification Method: Protein A purification
Size: 100ug , 1000 µg/ml	GeneID (NCBI): 966	CloneNo.: 241311A4
Source: Rabbit	UNIPROT ID: P13987	
Isotype: IgG	Full Name: CD59 molecule, complement regulatory protein	
	Calculated MW: 19 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

CD59, also named as MIC11, MIN1, MIN2, MIN3, MSK21, M1RL, MAC1F, HRF20 and 1F5 antigen, is a cell surface molecule glycoprotein with MW 18-25 kDa. It acts as a determinant of proximal-distal cell identity. CD59 acts by binding to the C8 and/or C9 complements of the assembling membrane attack complex (MAC), thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. It is involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.

Storage

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

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

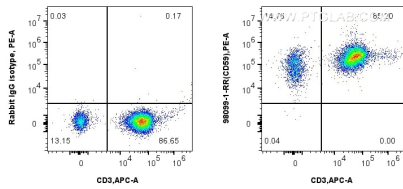
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

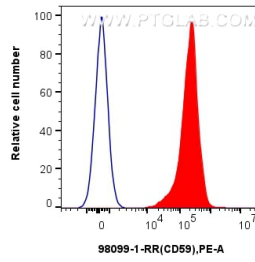
E: proteintech@ptglab.com
W: ptglab.com

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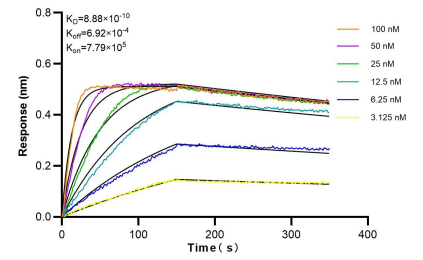
Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD59 Rabbit Recombinant Antibody (98099-1-RR, Clone:241311A4) or Isotype Control and PE-conjugated Goat Anti-Rabbit IgG. Cells were then stained with APC Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (APC-65569, Clone: OKT3). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



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Bi-layer interferometry (BLI) kinetic assays of 98099-1-RR against Human CD59 were performed. The affinity constant is 0.888 nM.