

For Research Use Only

# Anti-Human CD59 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98099-1-PBS



## Basic Information

<b>Catalog Number:</b> 98099-1-PBS	<b>GenBank Accession Number:</b> BC001506	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg, 2mg/ml	<b>GeneID (NCBI):</b> 966	<b>CloneNo.:</b> 241311A4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P13987	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD59 molecule, complement regulatory protein	
	<b>Calculated MW:</b> 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 -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:

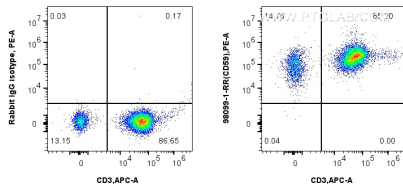
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

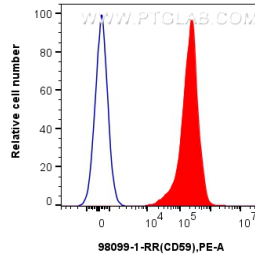
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1x10<sup>6</sup> 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. This data was developed using the same antibody clone



1x10<sup>6</sup> 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 incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98099-1-PBS in a different storage buffer formulation.