

For Research Use Only

# Anti-Human CD93 Rabbit Recombinant Antibody

Catalog Number: 98337-1-RR



## Basic Information

<b>Catalog Number:</b> 98337-1-RR	<b>GenBank Accession Number:</b> NM_012072.3	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 100ug, 1000 µg/ml	<b>GeneID (NCBI):</b> 22918	<b>CloneNo.:</b> 242464E6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NPY3	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD93 molecule	
	<b>Calculated MW:</b> 69 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
human

## Background Information

CD93, also known as C1qR or C1qR(p), is a single-pass type I transmembrane glycoprotein and a member of the group 14 of the C-type lectin-like domain (CTLD) superfamily, which also includes endosialin/CD248, thrombomodulin, and CLEC14A (PMID: 31287944). CD93 consists of a C-type lectin-like domain, five EGF-like repeats, a mucin-like domain, a transmembrane domain and a cytoplasmic domain (PMID: 28912033). CD93 is mainly expressed on endothelial cells and has been reported to be expressed by neurons and various cells of the hematopoietic system, including monocytes, neutrophils, B cells, natural killer cells, platelets and hematopoietic stem cells (PMID: 37443812). CD93 plays a role in various physiological processes including angiogenesis, inflammation, and cell adhesion (PMID: 31287944).

## 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:

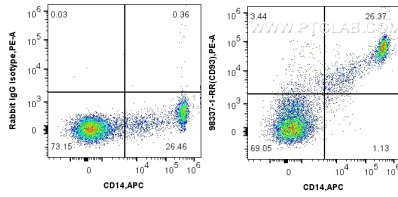
T: 4006900926

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

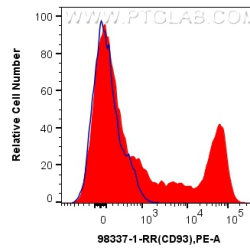
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD93 Rabbit RecAb (98337-1-RR, Clone: 242464E6) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD93 Rabbit RecAb (98337-1-RR, Clone:242464E6)(red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.