

For Research Use Only

# Anti-Mouse CD64 Rabbit Recombinant Antibody

Catalog Number: 98218-1-RR



## Basic Information

<b>Catalog Number:</b> 98218-1-RR	<b>GenBank Accession Number:</b> NM_010186.5	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 100ug, 1000 ug/ml	<b>GeneID (NCBI):</b> 14129	<b>CloneNo.:</b> 241809A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P26151	
<b>Isotype:</b> IgG	<b>Full Name:</b> Fc receptor, IgG, high affinity I	
	<b>Calculated MW:</b> 45 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
mouse

## Background Information

Fc $\gamma$  receptor comprise a multigene family of integral membrane glycoproteins that exhibit complex activation or inhibitory effects on cell functions after aggregation by complexed immunoglobulin G (IgG) (PMID: 17005690). CD64, also known as Fc $\gamma$  R1A, is a high-affinity receptor for the Fc region of IgG. It is expressed by monocytes/macrophages, activated neutrophils, dendritic cells, and early myeloid cells (PMID: 23293080; 19642859; 7680917). CD64 functions in both innate and adaptive immune responses.

## 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:

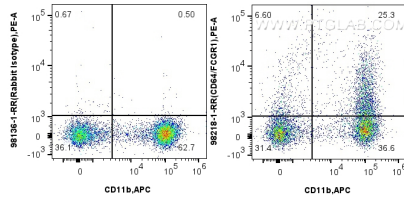
T: 4006900926

E: Proteintech-CN@ptglab.com

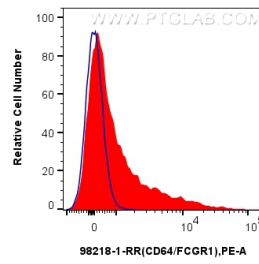
W: ptgcn.com

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## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD64 Rabbit Recombinant Antibody (98218-1-RR, Clone: 241809A6) or 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 CD11b (M1/70) (APC-65055, Clone: M1/70). Cells were not fixed.



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