

For Research Use Only

# Anti-Mouse CD68 Rabbit Recombinant Antibody



Catalog Number: 98029-1-RR

## Basic Information

<b>Catalog Number:</b> 98029-1-RR	<b>GenBank Accession Number:</b> NM_001291058.1	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, 1000 µg/ml	<b>GeneID (NCBI):</b> 12514	<b>CloneNo.:</b> 230504G5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P31996-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD68 antigen	
	<b>Calculated MW:</b> 35 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Mouse

## Background Information

Mouse CD68 (also known as macrophage marker) is a type I transmembrane glycoprotein that is highly and specifically expressed by mouse tissue macrophages, and to a lesser extent by dendritic cells. It belongs to the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family and primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. CD68 is also a member of the scavenger receptor family. It may play a role in phagocytic activities of tissue macrophages.

## Storage

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

**Storage Buffer:**  
PBS with 0.09% sodium azide.

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

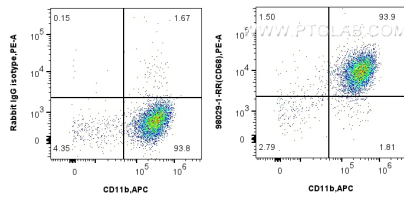
T: 4006900926

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

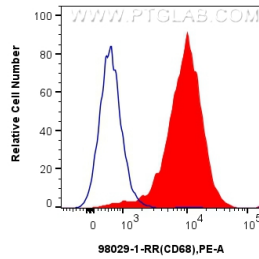
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse peritoneal macrophages were intracellularly stained with 0.25 ug Anti-Mouse CD68 Rabbit Recombinant Antibody (98029-1-RR, Clone: 230504G5) or Isotype Control and PE-conjugated Goat Anti-Rabbit IgG. Cells were then stained with APC Anti-Mouse CD11b. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10<sup>6</sup> mouse peritoneal macrophages were intracellularly stained with 0.25 ug Anti-Mouse CD68 Rabbit Recombinant Antibody (98029-1-RR, Clone: 230504G5) (red) or Isotype Control (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).