

For Research Use Only

# APC Anti-Mouse CD68 Rabbit Recombinant Antibody

Catalog Number: APC-98029



## Basic Information

<b>Catalog Number:</b> APC-98029	<b>GenBank Accession Number:</b> NM_001291058.1	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , 200 µg/ml	<b>GeneID (NCBI):</b> 12514	<b>CloneNo.:</b> 230504G5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P31996-1	<b>Excitation/Emission maxima wavelengths:</b> 650 nm / 660 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> CD68 antigen	
<b>Immunogen Catalog Number:</b> EG0787	<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

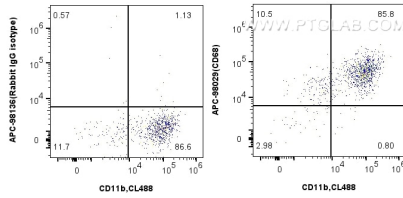
**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA.

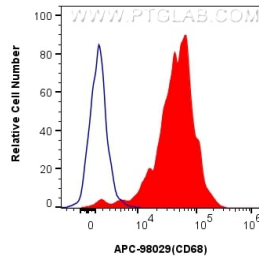
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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> mouse peritoneal macrophages were intracellularly stained with CoraLite® Plus 488 Anti-Mouse CD11b and 0.1 ug APC Anti-Mouse CD68 Rabbit RecAb (APC-98029, Clone:230504G5) or APC Rabbit IgG Isotype Control RecAb (APC-98136, Clone: 240953C9). 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 0.1 ug APC Anti-Mouse CD68 Rabbit RecAb (APC-98029, Clone:230504G5) (red) or APC Rabbit IgG Isotype Control RecAb (APC-98136, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).