

For Research Use Only

# Anti-Mouse CD64 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98218-1-PBS



## Basic Information

Catalog Number:

98218-1-PBS

Concentration:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_010186.5

GeneID (NCBI):

14129

UNIPROT ID:

P26151

Full Name:

Fc receptor, IgG, high affinity I

Calculated MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

241809A6

## 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 -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:

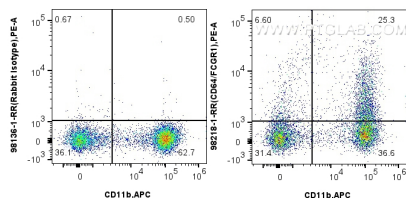
T: 4006900926

E: Proteintech-CN@ptglab.com

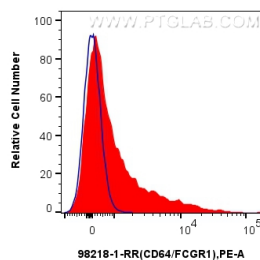
W: ptgcn.com

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> 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. This data was developed using the same antibody clone with 98218-1-PBS in a



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 not fixed. This data was developed using the same antibody clone with 98218-1-PBS in a different storage buffer formulation.