

For Research Use Only

# Anti-Mouse CSF1R/CD115 Rabbit Recombinant Antibody

Catalog Number: 98334-2-RR



## Basic Information

Catalog Number:

98334-2-RR

Size:

100ug , 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001037859.2

GeneID (NCBI):

12978

UNIPROT ID:

P09581

Full Name:

colony stimulating factor 1 receptor

Calculated MW:

109 kDa

Purification Method:

Protein A purification

CloneNo.:

242213B1

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## Background Information

The CSF-1 receptor (CSF1R), also called CD115, is activated by the homodimeric growth factors colony-stimulating factor-1 (CSF-1) and interleukin-34 (IL-34). It plays important roles in development and in innate immunity by regulating the development of most tissue macrophages and osteoclasts, of Langerhans cells of the skin, of Paneth cells of the small intestine, and of brain microglia. It also regulates the differentiation of neural progenitor cells and controls functions of oocytes and trophoblastic cells in the female reproductive tract. Owing to this broad tissue expression pattern, it plays a central role in neoplastic, inflammatory, and neurological diseases.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH 7.3.

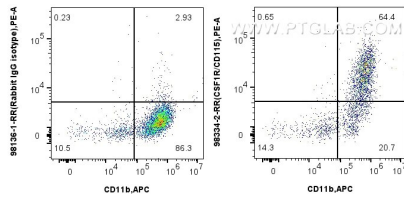
For technical support and original validation data for this product please contact:

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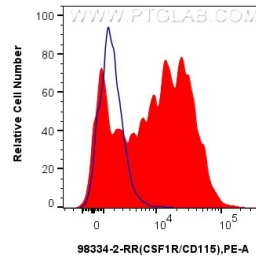
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## Selected Validation Data



1x10<sup>6</sup> mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse CSF1R/CD115 Rabbit RecAb (98334-2-RR, Clone: 242213B1) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) and PE-conjugated Goat Anti-Rabbit IgG. Cells were co-stained with APC Anti-Mouse CD11b. Cells were not fixed.



1x10<sup>6</sup> mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse CSF1R/CD115 Rabbit RecAb (98334-2-RR, Clone: 242213B1) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed.