

For Research Use Only

# Anti-Rat GM-CSF Rabbit Recombinant Antibody

Catalog Number: 98463-3-RR



## Basic Information

Catalog Number:

98463-3-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3202

GenBank Accession Number:

NM\_053852.1

GeneID (NCBI):

116630

UNIPROT ID:

P48750

Full Name:

colony stimulating factor 2  
(granulocyte-macrophage)

Calculated MW:

17 kDa

Purification Method:

Protein A purification

CloneNo.:

243117B1

Recommended Dilutions:

FC (Intra): 0.25 ug per 10<sup>6</sup> cells in a  
100 µl suspension

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

rat

Positive Controls:

FC (Intra) : Transfected HEK-293T cells,

## Background Information

Gm-csf, also known as Csf2, is a monomeric glycoprotein secreted by macrophages, T cells, mast cells, NK cells, endothelial cells and fibroblasts that functions as a cytokine. Gm-csf was first characterized as a hematopoietic growth factor that stimulates the proliferation of myeloid cells from bone-marrow progenitors. Gm-csf is now recognized as an important activating and differentiation factor for immune cells, and is essential for a wide range of biological processes in both innate and adaptive immunity. Gm-csf has been shown to protect against pulmonary infection and intestinal inflammation, and it is necessary for normal pulmonary and colon homeostasis.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

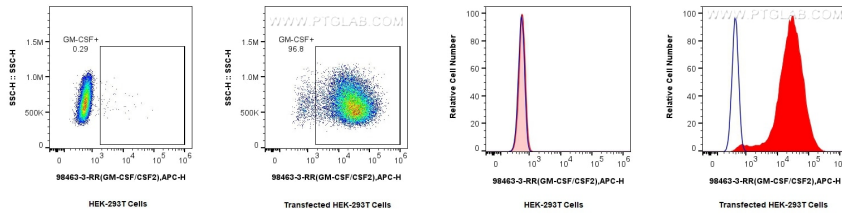
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1x10<sup>6</sup> HEK-293T cells or GM-CSF transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Rat GM-CSF Rabbit RecAb (98463-3-RR, Clone: 243117B1) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and Multi-rAb CoraLite® Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

1x10<sup>6</sup> HEK-293T cells or GM-CSF transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Rat GM-CSF/CSF2 Rabbit RecAb (98463-3-RR, Clone: 243117B1) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and Multi-rAb CoraLite® Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.