

For Research Use Only

# Anti-Human IL-3RB/CD131 Rabbit Recombinant Antibody

Catalog Number: 98336-2-RR



## Basic Information

Catalog Number:

98336-2-RR

Size:

1mg, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1662

GenBank Accession Number:

NM\_000395.3

GeneID (NCBI):

1439

UNIPROT ID:

P32927-1

Full Name:

colony stimulating factor 2 receptor,  
beta, low-affinity (granulocyte-  
macrophage)

Calculated MW:

97kDa

Purification Method:

Protein A purification

CloneNo.:

241823B12

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

IL-3RB/CD131, also known as CSF2RB, is the common subunit of the type I cytokine receptors for granulocyte-macrophage colony-stimulating factor (GM-CSF), interleukin (IL)-3 and IL-5. CD131 is expressed on various immune cells, including hematopoietic progenitor cells, granulocytes, monocytes, macrophages, eosinophils, and mast cells, which plays a crucial role in mediating the effects of cytokines (PMID: 18412971). Tregs of healthy donors constitutively transcribe CSF2RB, but protein expression was much higher after TCR stimulation (PMID: 36532080, 3557440).

## Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide

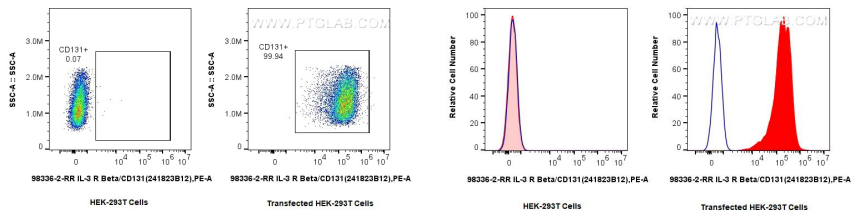
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://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> HEK-293T cells (left) or IL-3RB/CD131-transfected HEK-293T cells (right) were surface stained with 0.25 ug Anti-Human IL-3 R Beta/CD131 Rabbit RecAb (98336-2-RR, Clone:241823B12) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

1x10<sup>6</sup> HEK-293T cells(left) or IL-3RB/CD131-transfected HEK-293T cells(right) were surface stained with 0.25 ug Anti-Human IL-3 R Beta/CD131 Rabbit RecAb (98336-2-RR, Clone:241823B12)(red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.