

For Research Use Only

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

Catalog Number: 98336-2-PBS



## Basic Information

Catalog Number:

98336-2-PBS

Concentration:

1mg, 2 mg/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 -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:

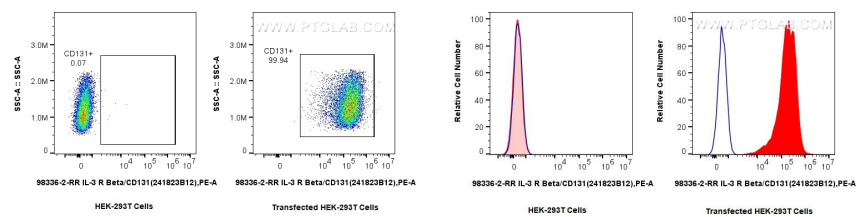
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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# 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. This data was developed using the same antibody clone with 98336-2-PBS in a different storage buffer formulation.

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. This data was developed using the same antibody clone with 98336-2-PBS in a different storage buffer formulation.