

For Research Use Only

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

Catalog Number: 98336-2-RR



Basic Information

Catalog Number:

98336-2-RR

Concentration:

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:

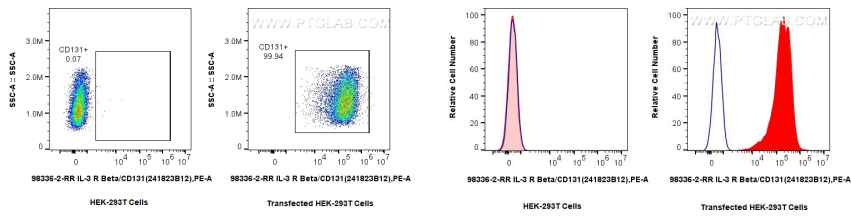
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Selected Validation Data



1x10⁶ 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.

1x10⁶ 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.