

For Research Use Only

Anti-Human IL-4RA/CD124 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98203-1-PBS



Basic Information

| | | |
|---------------------------------------|---|---|
| Catalog Number: 98203-1-PBS | GenBank Accession Number: NM_000418.4 | Purification Method: Protein A purification |
| Size: 1mg, 2 mg/ml | GeneID (NCBI): 3566 | CloneNo.: 241824D8 |
| Source: Rabbit | UNIPROT ID: P24394-1 | |
| Isotype: IgG | Full Name: interleukin 4 receptor | |
| | Calculated MW: 90 kDa | |

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

IL-4 receptor alpha chain (IL-4RA), also known as CD124, is a transmembrane glycoprotein expressed on a wide variety of hematopoietic and non-hematopoietic cells. It is a receptor for both IL-4 and IL-13. IL-4RA can complex with the common gamma chain (IL-2R gamma or CD132) and utilizes JAK1 and JAK2 for signal transduction, while complexes of IL-4RA with IL-13RA1 subunit mediate signals via JAK2 and Tyk2. The IL-4 response is involved in promoting Th2 differentiation. The IL-4/IL-13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation.

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:

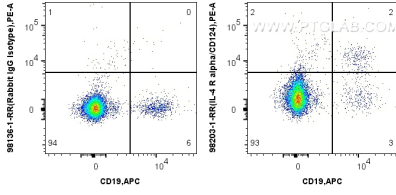
T: 4006900926

E: Proteintech-CN@ptglab.com

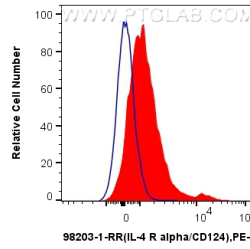
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human IL-4RA/CD124 Rabbit Recombinant Antibody (98203-1-RR, Clone:241824D8) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated. This data was developed using the same antibody clone with 98203-1-PBS in a



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human IL-4RA/CD124 Rabbit Recombinant Antibody (98203-1-RR, Clone:241824D8) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. Lymphocytes were gated. This data was developed using the same antibody clone with 98203-1-PBS in a different storage buffer formulation.

