

PE Rabbit anti-Mouse CD124/IL-4Ra mAb

Catalog No.: A26537

Basic Information

Observed MW

Calculated MW

87kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC64063-PE

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

Predicted to enable cytokine receptor activity. Involved in positive regulation of chemokine production; positive regulation of cold-induced thermogenesis; and positive regulation of macrophage activation. Acts upstream of or within several processes, including defense response to protozoan; negative regulation of T-helper 1 cell differentiation; and positive regulation of immune effector process. Predicted to be located in several cellular components, including centriolar satellite; extracellular space; and nucleoplasm. Predicted to be part of receptor complex. Is expressed in several structures, including adrenal medulla; early conceptus; hemolymphoid system; medulla oblongata basal plate mantle layer; and reproductive system. Used to study asthma. Human ortholog(s) of this gene implicated in several diseases, including acne; allergic conjunctivitis; autoimmune disease (multiple); human immunodeficiency virus infectious disease; and renal tuberculosis. Orthologous to human IL4R (interleukin 4 receptor).

Immunogen Information

Gene ID

16190

Swiss Prot

P16382

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 26-233 of mouse CD124/IL-4Ra (NP_001008700.1).

Synonyms

Il4r; CD124

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

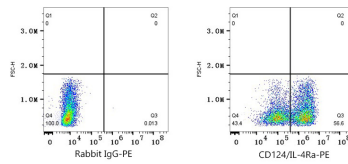
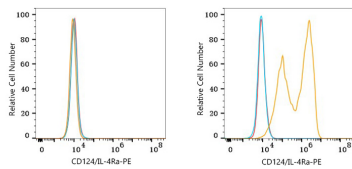
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1X10⁶ 293F cells (negative control, left) and 293F cells (Transfection, right) were surface-stained with PE Rabbit anti-Mouse CD124/IL-4Ra mAb (A26537, 5 µl/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ 293T (Transfection) cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5 µl/Test, left) or PE Rabbit anti-Mouse CD124/IL-4Ra mAb (A26537, 5 µl/Test, right).