

# ABflo® 594 Rabbit anti-Mouse CD124/IL-4Ra mAb

Catalog No.: A24725

## Basic Information

### Observed MW

### Calculated MW

87kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC64063-ABflo594

### Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl 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

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

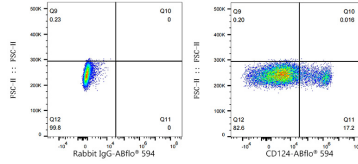
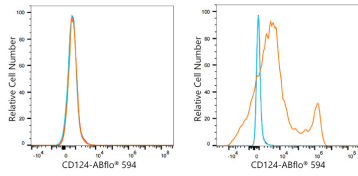
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  293F cells (negative control, left) and 293F (Transfection, right) cells were surface-stained with ABflo® 594 Rabbit anti-Mouse CD124/IL-4Ra mAb (A24725, 5  $\mu$ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  293F (Transfection) cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, left) or ABflo® 594 Rabbit anti-Mouse CD124/IL-4Ra mAb (A24725, 5  $\mu$ l/Test, right).