

# ABflo® 594 Rabbit anti-Mouse CD127/IL-7Rα mAb

Catalog NO.: A24790

## Basic Information

### Observed MW

### Calculated MW

51kDa

### Category

Monoclonal Antibodies

### Applications

FC

### Cross-Reactivity

Mouse

### Conjugation

ABflo® 594. Ex:588nm. Em:604nm.

### Clone number

ARC63550

## Background

Interleukin-7 is a glycoprotein involved in the regulation of lymphopoiesis. Response of cells to IL7 is dependent on the presence of the interleukin 7 receptor (IL7R); the active receptor is a alpha/gamma chain heterodimer. The gamma(c) chain, which also associates with the interleukin-2 receptor, serves primarily to activate signal transduction by the IL7R complex, while the alpha chain of IL7R determines specific signaling events through its association with cytoplasmic signaling molecules.

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

16197

### Swiss Prot

P16872

### Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms

CD127; IL-7Ralpha

## Contact

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

**Source**

Rabbit

**Isotype**

IgG

**Purification**

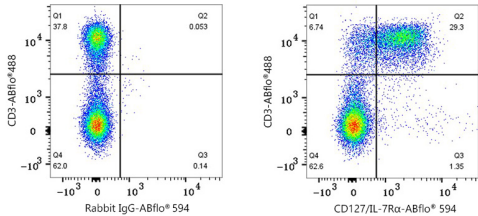
Affinity purification

**Storage**

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

**Validation Data**



Flow cytometry: 1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161, 5 µl/Test) and ABflo® 594 Rabbit IgG isotype control (A23821, 5 µl/Test, left) or ABflo® 594 Rabbit anti-Mouse CD127/IL-7Rα mAb (A24790, 5 µl/Test, right).

