

# ABflo® 450 Rabbit anti-Human/Monkey CD127/IL-7Rα mAb

Catalog No.: A26070

## Basic Information

### Observed MW

### Calculated MW

52kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC66004

### Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

## Background

The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID). Alternatively spliced transcript variants have been found.

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

3575

### Swiss Prot

P16871

### Immunogen

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

### Synonyms

ILRA; CD127; IL7RA; CDW127; IMD104; sIL-7R; Inc-IL7R; IL7Ralpha; IL-7Ralpha; IL-7R-alpha

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

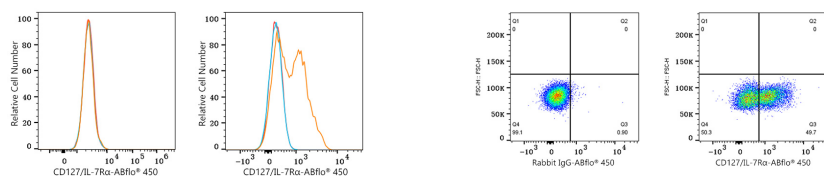
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry: 1X10<sup>6</sup> 293T cells (negative control, left) and Human PBMC (right) were surface-stained with ABflo® 450 Rabbit anti-Human CD127/IL-7Rα (A26070, 5 μl/Test, orange line) or ABflo® 450 Rabbit IgG isotype control (5 μl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10<sup>6</sup> Human PBMC were surface-stained with ABflo® 450 Rabbit IgG isotype control (5 μl/Test, left) or ABflo® 450 Rabbit anti-Human CD127/IL-7Rα (A26070, 5 μl/Test, right).