

# APC Rabbit anti-Human/Monkey CD127/IL-7R mAb

Catalog No.: A26504

## Basic Information

### Observed MW

### Calculated MW

52kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC66004

### Conjugate

APC. Ex:650nm. Em:660nm.

## 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

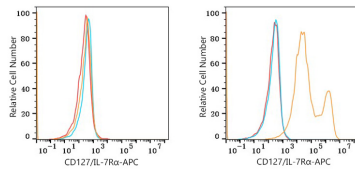
Affinity purification

### Storage

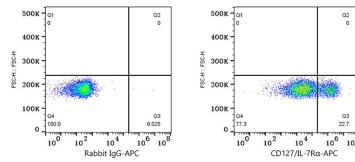
Store at 2-8°C. Avoid freeze.

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

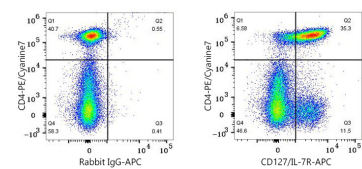
## Validation Data



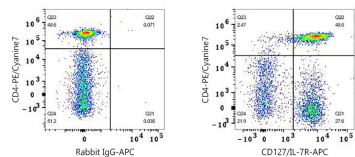
Flow cytometry:  $1 \times 10^6$  293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with APC Rabbit anti-Human CD127/IL-7R $\alpha$  mAb (A26504, 5  $\mu$ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  293T (Transfection) cells were surface-stained with APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human CD127/IL-7R $\alpha$  mAb (A26504, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  Cynomolgus PBMC were surface-stained with PE/Cyanine7 Rabbit anti-Human/Monkey CD4 mAb (A27112, 5  $\mu$ l/Test) and APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human/Monkey CD127/IL-7R mAb (A26504, 5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with PE/Cyanine7 Rabbit anti-Human/Monkey CD4 mAb (A27112, 5  $\mu$ l/Test) and APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human/Monkey CD127/IL-7R mAb (A26504, 5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.