# ABflo® 488 Rabbit anti-Mouse CD127/IL-7Rα mAb

Catalog No.: A24788



### **Basic Information**

**Observed MW** 

Calculated MW 51kDa

Category Primary antibody

Applications FC

Cross-Reactivity Mouse

CloneNo number ARC63550

#### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

### **Recommended Dilutions**

FC

5 μl per 10^6 cells in 100 μl volume

# Background

Interleukin-7 is a glycoptorein 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.

# 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

| 6        | 400-999-6126              |
|----------|---------------------------|
| $\times$ | cn.market@abclonal.com.cn |
| €        | www.abclonal.com.cn       |

# **Product Information**

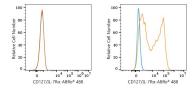
**Source** Rabbit **lsotype** IgG **Purification** Affinity purification

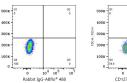
### Storage

Store at 2-8°C. Avoid freeze.

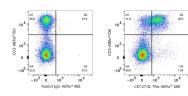
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

### Validation Data









Flow cytometry: 1X10^6 293T cells (negative control,left) and 293T (Transfection,right) cells were surfacestained with ABflo® 488 Rabbit anti-Mouse CD127/IL-7R $\alpha$  mAb (A24788,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Nonfluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10^6 293T (Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ l/Test,left) or ABflo® 488 Rabbit anti-Mouse CD127/IL-7R $\alpha$  mAb (A24788,5  $\mu$ l/Test,right).

Flow cytometry:1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 700 Rat anti-Mouse CD3 mAb (A27432,5  $\mu$ /Test) and ABflo® 488 Rabbit lgG isotype control (A22069,5  $\mu$ /Test,left) or ABflo® 488 Rabbit anti-Mouse CD127/IL-7R $\alpha$  mAb (A24788,5  $\mu$ /Test,right).