

# ABflo® 647 Rabbit anti-Human/Monkey CD127/IL-7Rα mAb

Catalog No.: A25162

### **Basic Information**

#### **Observed MW**

**Calculated MW** 

52kDa

Category

Primary antibody

**Applications** 

FC

**Cross-Reactivity** 

Human, Cynomolgus

CloneNo number

ARC66004

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

# **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  $\mu$ l per 10^6 cells in 100  $\mu$ l 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; CD127/IL7R

## Contact

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#### **Product Information**

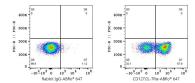
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

#### 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 Human PBMC were surface-stained with ABflo & 647 Rabbit IgG isotype control (A22070,5  $\mu$ l/Test,left) or ABflo & 647 Rabbit anti-Human/Monkey CD127/IL-7R $\alpha$  mAb (A25162,5  $\mu$ l/Test,right). Cells in the lymphocyte gate were used for analysis.