

# ABflo® 700 Rabbit anti-Mouse CD127/IL-7Rα mAb

Catalog No.: A26546

## **Basic Information**

#### **Observed MW**

**Calculated MW** 

51kDa

Category

Primary antibody

**Applications** 

FC

**Cross-Reactivity** 

Mouse

CloneNo number

ARC63550

Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

# **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.

# **Recommended Dilutions**

FC

5  $\mu$ l per 10^6 cells in 100  $\mu$ l 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**

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## **Product Information**

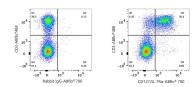
SourceIsotypePurificationRabbitIgGAffinity purification

#### **Storage**

Store at 2-8°C. Avoid freeze.

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

# **Validation Data**



Flow cytometry:1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161,5  $\mu$ I/Test) and ABflo® 700 Rabbit IgG isotype control (A25976,5  $\mu$ I/Test,Ieft) or ABflo® 700 Rabbit anti-Mouse CD127/IL-7R $\alpha$  mAb (A26546,5  $\mu$ I/Test,right).