

ABflo® 647 Rabbit anti-Mouse CD127/IL-7Rα mAb

Catalog No.: A24789

Basic Information

Observed MW

Calculated MW

51kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC63550

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

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 μ l per 10^6 cells in 100 μ 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

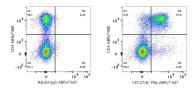
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

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 C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161,5 μ I/Test) and ABflo® 647 Rabbit IgG isotype control (A22070,5 μ I/Test,Ieft) or ABflo® 647 Rabbit anti-Mouse CD127/IL-7R α mAb (A24789,5 μ I/Test,right).