

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.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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.

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

Rabbit

Isotype

IgG

Purification

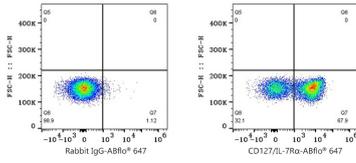
Affinity purification

Storage

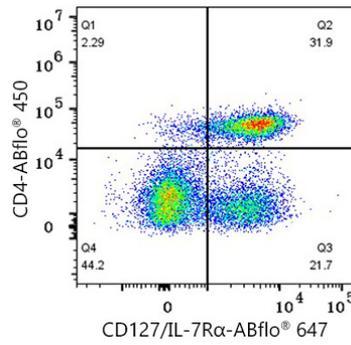
Store at 2-8°C. Avoid freeze.

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: 1×10^6 Human PBMC were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Human/Monkey CD127/IL-7R α mAb (A25162, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1×10^6 Cynomolgus peripheral blood mononuclear cells were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD4 mAb (A26523, 5 μ l/Test) and ABflo® 647 Rabbit anti-Human/Monkey CD127/IL-7R mAb (A25162, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.