

ABflo® 450 Rabbit anti-Human CD127/IL-7R α mAb

Catalog No.: A26070

Basic Information

Observed MW

Calculated MW

52kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC66004-ABflo450

Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l 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 fusion protein containing a sequence corresponding to amino acids 21-236 human CD127/IL-7R α (NP_002176.2).

Synonyms

ILRA; CD127; IL7RA; CDW127; IMD104; sIL-7R; Inc-IL7R; IL7Ralpha; IL-7Ralpha; IL-7R-alpha

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

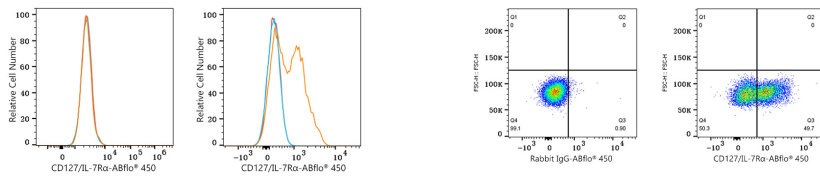
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 293T cells (negative control, left) and Human PBMC (right) were surface-stained with ABflo® 450 Rabbit anti-Human CD127/IL-7R α (A26070, 5 μ l/Test, orange line) or ABflo® 450 Rabbit IgG isotype control (5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 450 Rabbit IgG isotype control (5 μ l/Test, left) or ABflo® 450 Rabbit anti-Human CD127/IL-7R α (A26070, 5 μ l/Test, right).