

APC Rabbit anti-Human/Monkey CD127/IL-7R mAb

Catalog No.: A26504

Basic Information

Observed MW

Calculated MW

52kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC66004

Conjugate

APC. Ex:650nm. Em:660nm.

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 μl per 10^6 cells in 100 μl 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

Contact

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Product Information

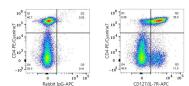
SourceIsotypePurificationRabbitIgGAffinity purification

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 Cynomolgus PBMC were surface-stained with PE/Cyanine7 Rabbit anti-Human/Monkey CD4 mAb (A27112,5 μ I/Test) and APC Rabbit IgG isotype control (A24173,5 μ I/Test,left) or APC Rabbit anti-Human/Monkey CD127/IL-7R mAb (A26504,5 μ I/Test,right). Cells in the lymphocyte gate were used for analysis.

Flow cytometry:1X10^6 Human PBMC were surface-stained with PE/Cyanine7 Rabbit anti-Human/Monkey CD4 mAb (A27112,5 µl/Test) and APC Rabbit IgG isotype control (A24173,5 µl/Test,left) or APC Rabbit anti-Human/Monkey CD127/IL-7R mAb (A26504,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.