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APC/Cyanine7 Rabbit anti-Human/Monkey CD127/IL-7Rα mAb

Catalog No.: A27437

Basic Information

Observed MW

Calculated MW
52kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human, Cynomolgus

CloneNo number
ARC66004

Conjugate
APC-Cy7. Ex:651nm. Em:779nm.

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; lnc-IL7R; IL7Ralpha; IL-7Ralpha; IL-7R-alpha

Contact

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Product Information
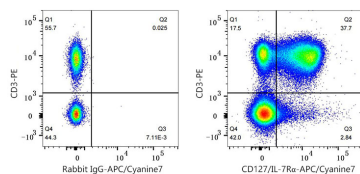
Source
Rabbit

Isotype
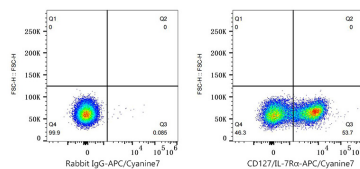IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data

Flow cytometry: 1X10^6 Human PBMC were surface-stained with PE Rabbit anti-Human CD3 mAb (A27110,5 μl/Test) and APC/Cyanine7 Rabbit IgG isotype control (5 μl/Test,left) or APC/Cyanine7 Rabbit anti-Human/Monkey CD127/IL-7Rα mAb (A27437,5 μl/Test,right). Cells in the lymphocyte gate were used for analysis.

Flow cytometry: 1X10^6 Cynomolgus PBMC were surface-stained with APC/Cyanine7 Rabbit IgG isotype control (5 μl/Test,left) or APC/Cyanine7 Rabbit anti-Human/Monkey CD127/IL-7Rα mAb (A27437,5 μl/Test,right). Cells in the Lymphocyte gate were used for analysis.