

For Research Use Only

APC Anti-Human IL-7 Rabbit Recombinant Antibody

Catalog Number: APC-98206-10



Basic Information

Catalog Number:

APC-98206-10

Concentration:

100 tests, 200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

HZ-1281

GenBank Accession Number:

GeneID (NCBI):

3574

UNIPROT ID:

P13232

Full Name:

interleukin 7

Purification Method:

Protein A purification

CloneNo.:

252658G1

Recommended Dilutions:

FC (Intra): 0.1 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra): HUVEC cells, Jurkat cells

Background Information

Interleukin-7 (IL-7) is a cytokine involved in B and T cell development. It plays an active role in the development, survival, maintaining and restoring homeostasis of mature T lymphocytes and is a key regulator of the commitment, survival, proliferation and maturation of B cells during development. Furthermore, IL-7 can improve the antiviral function and expansion of natural killer (NK) cells and regulate the development and differentiation of dendritic cells. IL-7 has also been reported as a regulator of the development of central nervous system and myogenesis and skeletal muscle cell migration. (PMID: 29663382; 29655570; 29449560)

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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Selected Validation Data



1x10⁶ HUVEC cells were intracellularly stained with 0.1 ug APC Anti-Human IL-7 Rabbit RecAb (APC-98206-10, Clone:252658G1) (red), or 0.1 ug APC Rabbit IgG Isotype Control Recombinant Antibody (APC-98136, Clone: 240953C9). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).



1x10⁶ Jurkat cells were intracellularly stained with 0.1 ug APC Anti-Human IL-7 Rabbit RecAb (APC-98206-10, Clone:252658G1) (red), or 0.1 ug APC Rabbit IgG Isotype Control Recombinant Antibody (APC-98136, Clone: 240953C9). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).