

APC-Cy7 Mouse Anti-Human CD127

Purified APC-Cy7-conjugated Recombinant Mouse Monoclonal Antibody

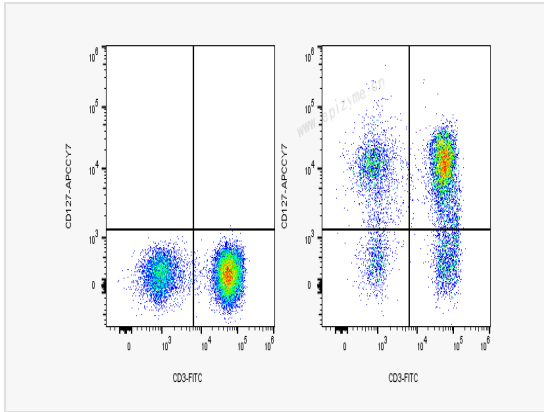
Catalog # F101219

Product Information

Application	FC
Recommended Usage	5 μ L per million cells in 100 μ L staining volume or 5 μ L per 100 μ L of whole blood.
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone No.	68C65P27
Isotype	IgG1, κ
Label	APC-CY7 (Ex/Em: 651/779 nm)
Immunogen	Recombinant protein of human CD127
Format	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA.
Storage	Shipped on wet ice. Store undiluted between 2°C and 8°C and protected from prolonged exposure to light. Do not freeze.
Precautions	APC-Cy7 Mouse Anti-Human CD127 [68C65P27] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CD 127; CD127; CD127 antigen; CDw127; IL 7R alpha; IL 7R; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA; IL7R; IL7RA; IL7RA_HUMAN; IL7Ralpha; ILRA; Interleukin 7 receptor alpha chain; Interleukin 7 receptor; Interleukin 7 receptor isoform H5 6; Interleukin-7 receptor subunit alpha.
Uniprot ID	P16871
Gene ID	3575
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. [provided by RefSeq, Dec 2015]
Cellular Location	Isoform 1 Cell membrane;Single-pass type I membrane protein. Isoform 3 Cell membrane;Single-pass type I membrane protein. Isoform 4 Secreted.
Tissue Location	Tissue enhanced (Lymphoid tissue).



Typical flow-cytometry plots of human peripheral-blood leukocytes stained with anti-CD3-FITC (F100105) and anti-CD127-APC-Cy7 (F101219) (right) or with anti-CD3-FITC (F100105) alone as a control (left).