

For Research Use Only

FcZero-rAb™ Biotin Anti-Human IL-7Ra/CD127 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98074



Basic Information

Catalog Number:	Biotin-FcA98074	GenBank Accession Number:	AAC83204.1	Purification Method:	Protein A purification
Size:	100ug , 500 ug/ml	GenID (NCBI):	3575	CloneNo.:	240749H2
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000168685	Recommended Dilutions:	FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG	UNIPROT ID:	P16871-1(I66T, V138I)	Excitation/Emission maxima wavelengths:	-
Immunogen Catalog Number:	EG1279	Full Name:	interleukin 7 receptor		
		Calculated MW:	52 kDa		

Applications

Tested Applications:	Positive Controls:
FC	FC : human PBMCs,
Species Specificity:	

human

Background Information

CD127, also known as IL-7R subunit alpha (IL-7RA), is a type I membrane glycoprotein expressed on thymocytes, B cell precursors, most T cells, and some lymphoid and myeloid cells. IL-7R is a heterodimer composed of CD127 and the common-γ chain receptor (CD132). IL-7R plays critical roles in lymphocyte development and homeostasis. CD127 can also act as a receptor for thymic stromal lymphopoietin (TSLP).

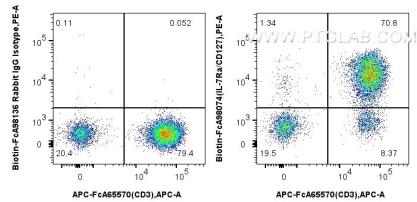
Storage

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

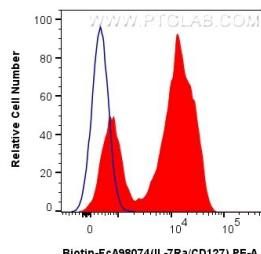
For technical support and original validation data for this product please contact:
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in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 human PBMCs were surface stained with 0.25 ug Biotin Anti-Human IL-7Ra/CD127 Rabbit RecAb (Biotin-FcA98074, Clone:240749H2) and Streptavidin-PE Conjugate (PE-PF00030) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9). Cells were then stained with FcZero-rAb™ APC Anti-Human CD3 (UCHT1) Rabbit IgG Recombinant Antibody (APC-FcA65570, Clone: UCHT1). Cells were not fixed.



1×10^6 human PBMCs were surface stained with 0.25 ug Biotin Anti-Human IL-7Ra/CD127 Rabbit RecAb (Biotin-FcA98074, Clone:240749H2) (red) and Streptavidin-PE Conjugate (PE-PF00030), or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.