

For Research Use Only

Anti-Human IL-7Ra/CD127 Rabbit Recombinant Antibody

Catalog Number: 98074-1-RR



Basic Information

Catalog Number: 98074-1-RR	GenBank Accession Number: AAC83204.1	Purification Method: Protein A purification
Size: 100ug, 1000 µg/ml	GeneID (NCBI): 3575	CloneNo.: 240749H2
Source: Rabbit	ENSEMBL Gene ID: ENSG00000168685	
Isotype: IgG	UNIPROT ID: P16871-1(I66T, V138I)	
	Full Name: interleukin 7 receptor	
	Calculated MW: 52 kDa	

Applications

Tested Applications:
FC

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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

For technical support and original validation data for this product please contact:

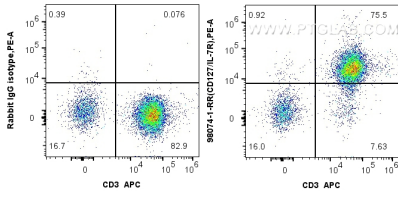
T: 4006900926

E: Proteintech-CN@ptglab.com

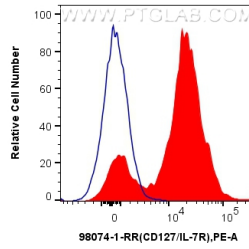
W: ptgcn.com

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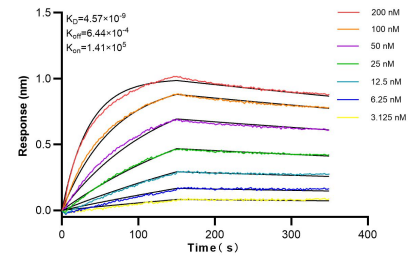
Selected Validation Data



1x10⁶ human PBMCs were stained with CoraLite® Plus 647 Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (CL647-65569, Clone: OKT3) and 0.25 ug Anti-Human IL-7Ra/CD127 Rabbit Recombinant Antibody (98074-1-RR, Clone:240749H2), or Isotype Control. Cells were not fixed.



1x10⁶ human PBMCs were stained with 0.25 ug Anti-Human IL-7Ra/CD127 Rabbit Recombinant Antibody (98074-1-RR, Clone:240749H2) (red), or Isotype Control(blue). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98074-1-RR against Human IL-7Ra/CD127 were performed. The affinity constant is 4.57 nM.