

For Research Use Only

Anti-Mouse IL-7Ra/CD127 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98385-1-PBS



Basic Information

Catalog Number: 98385-1-PBS	GenBank Accession Number: NM_008372.4	Purification Method: Protein A purification
Size: 1mg, 2 mg/ml	GeneID (NCBI): 16197	CloneNo.: 242852B4
Source: Rabbit	UNIPROT ID: P16872	
Isotype: IgG	Full Name: interleukin 7 receptor	
Immunogen Catalog Number: EG1826	Calculated MW: 52 kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

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 (PMID: 8415665). IL-7R is a heterodimer composed of CD127 and IL-2R γ (CD132), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15 (PMID: 8266077; 9862091). IL-7R plays critical roles in lymphocyte development and homeostasis (PMID: 26336149). CD127 can also act as a receptor for thymic stromal lymphopoietin (TSLP) (PMID: 10974032).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

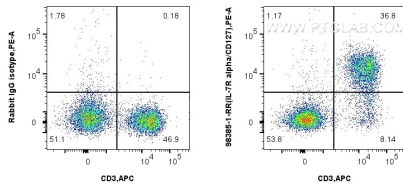
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

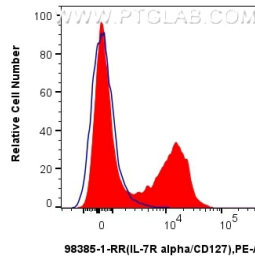
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse IL-7Ra/CD127 Rabbit RecAb (98385-1-RR, Clone:242852B4) and PE-Conjugated Goat Anti-Rabbit IgG(H+L), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9). Cells were then stained with APC Anti-Mouse CD3 (17A2) (APC-65077, Clone: 17A2). Cells were not fixed. This data was developed using the same antibody clone with 98385-1-PBS in a different storage



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse IL-7Ra/CD127 Rabbit RecAb (98385-1-RR, Clone:242852B4) (red) and PE-Conjugated Goat Anti-Rabbit IgG(H+L), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were not fixed. This data was developed using the same antibody clone with 98385-1-PBS in a different storage buffer formulation.