

For Research Use Only

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

Catalog Number: 98074-1-PBS



## Basic Information

**Catalog Number:**

98074-1-PBS

**Size:**

1mg, 2mg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

AAC83204.1

**GeneID (NCBI):**

3575

**ENSEMBL Gene ID:**

ENSG00000168685

**UNIPROT ID:**

P16871-1(I66T, V138I)

**Full Name:**

interleukin 7 receptor

**Calculated MW:**

52 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

240749H2

## 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- $\gamma$  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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**

PBS Only

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

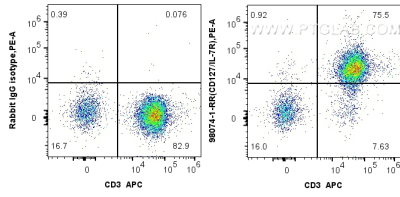
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

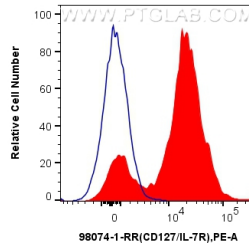
W: [ptgcn.com](http://ptgcn.com)

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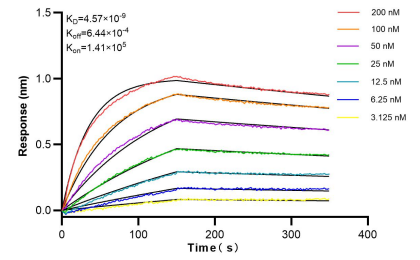
## Selected Validation Data



1x10<sup>6</sup> 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. This data was developed using the same antibody clone with 98074-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> 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. This data was developed using the same antibody clone with 98074-1-PBS in a different storage buffer formulation.



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