

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-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 -80°C.

Storage Buffer:

PBS Only

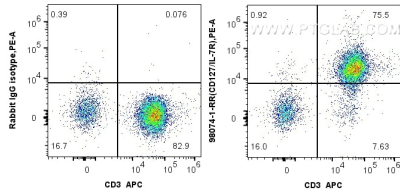
For technical support and original validation data for this product please contact:

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

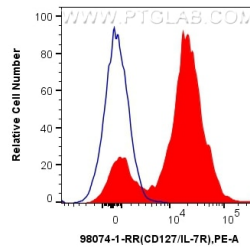
E: proteintech@ptglab.com
W: ptglab.com

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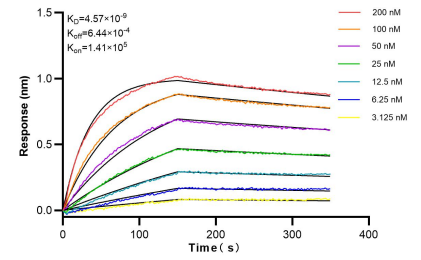
Selected Validation Data



1x10⁶ 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.



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. 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.