

For Research Use Only

IL-7Ra/CD127 Polyclonal antibody

Catalog Number: 17626-1-AP

2 Publications



Basic Information

Catalog Number:

17626-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11844

GenBank Accession Number:

BC067537

GeneID (NCBI):

3575

ENSEMBL Gene ID:

ENSG00000168685

UNIPROT ID:

P16871

Full Name:

interleukin 7 receptor

Calculated MW:

459 aa, 52 kDa

Observed MW:

56-58 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3600

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF-P 1:50-1:500

Applications

Tested Applications:

WB, IF-P, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse thymus tissue, K-562 cells

IP : K-562 cells,

IF-P : mouse spleen tissue,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Xinxin Liu	32319620	Mol Med Rep	WB
Nikolina Giotopoulou	38055067	J Mammary Gland Biol Neoplasia	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

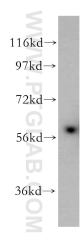
For technical support and original validation data for this product please contact:

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

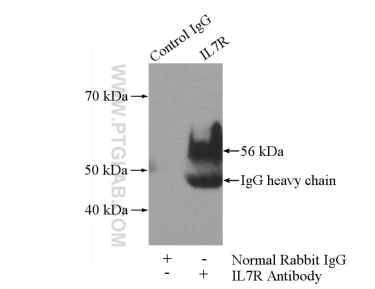
E: proteintech@ptglab.com
W: ptglab.com

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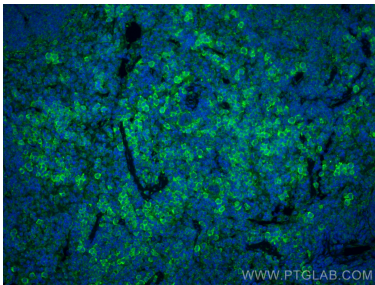
Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 17626-1-AP (IL-7Ra/CD127 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-IL-7Ra/CD127 (IP:17626-1-AP, 4ug; Detection:17626-1-AP 1:1000) with K-562 cells lysate 1200ug.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using IL-7Ra/CD127 antibody (17626-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).