

For Research Use Only

IL-2RG Polyclonal antibody

Catalog Number: 11409-1-AP

2 Publications



Basic Information

Catalog Number:

11409-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1911

GenBank Accession Number:

BC014972

GeneID (NCBI):

3561

UNIPROT ID:

P31785

Full Name:

interleukin 2 receptor, gamma (severe combined immunodeficiency)

Calculated MW:

369 aa, 42 kDa

Observed MW:

64-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB: Jurkat cells, K-562 cells, Raji cells

Background Information

The interleukin-2 receptor (IL-2R) is a heterotrimeric receptor consisting of three subunits, alpha (IL-2RA), beta (IL-2RB), and gamma (IL-2RG). IL-2RG, also known as CD132, is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. Mutations in the gene of IL-2RG cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder.

Notable Publications

Author	Pubmed ID	Journal	Application
Liangliang Bai	39954887	Int J Biol Macromol	WB
Yihui Zhai	39625860	Adv Sci (Weinh)	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

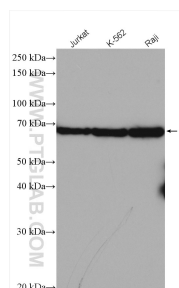
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11409-1-AP (IL2RG antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.