

For Research Use Only

# IL2RG Polyclonal antibody

Catalog Number: 11409-1-AP



## Basic Information

<b>Catalog Number:</b> 11409-1-AP	<b>GenBank Accession Number:</b> BC014972	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3561	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Source:</b> Rabbit	<b>Full Name:</b> interleukin 2 receptor, gamma (severe combined immunodeficiency)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 369 aa, 42 kDa	
<b>Immunogen Catalog Number:</b> AG1911	<b>Observed MW:</b> 64-70 kDa	

## Applications

<b>Tested Applications:</b> FC, WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, K-562 cells, Raji cells
<b>Species Specificity:</b> human	

## Background Information

The interleukin-2 receptor (IL-2R) is a heterotrimeric receptor consisting of three subunits, alpha (IL2RA), beta (IL2RB), and gamma (IL2RG). IL2RG, 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 IL2RG cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder.

## Storage

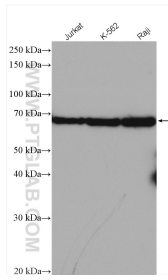
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

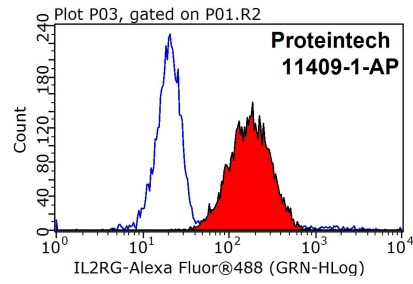
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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.



$1 \times 10^6$  Jurkat cells were stained with 0.2ug IL2RG antibody (11409-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.