

For Research Use Only

IL-2RG Polyclonal antibody

Catalog Number: 27377-1-AP



Basic Information

Catalog Number: 27377-1-AP	GenBank Accession Number: BC014972	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3561	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: interleukin 2 receptor, gamma (severe combined immunodeficiency)	
Isotype: IgG	Calculated MW: 369 aa, 42 kDa	
Immunogen Catalog Number: AG26388	Observed MW: 64-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: Jurkat cells, K-562 cells, Raji cells
Species Specificity: 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

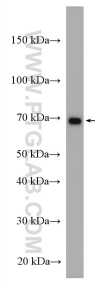
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 27377-1-AP (IL2RG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.