

For Research Use Only

IL2RG Polyclonal antibody

Catalog Number: 11409-1-AP



Basic Information

Catalog Number: 11409-1-AP	GenBank Accession Number: BC014972	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 3561	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: P31785	
Isotype: IgG	Full Name: interleukin 2 receptor, gamma (severe combined immunodeficiency)	
Immunogen Catalog Number: AG1911	Calculated MW: 369 aa, 42 kDa	
	Observed MW: 64-70 kDa	

Applications

Tested Applications: FC, 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

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

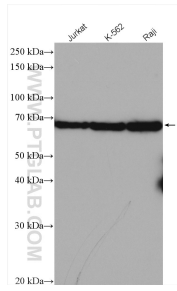
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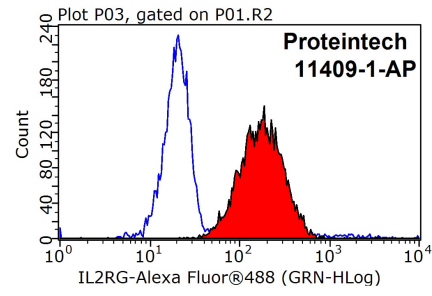
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Selected Validation Data



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.



1×10^6 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.