

For Research Use Only

IL-27RA Polyclonal antibody, PBS Only

Catalog Number: 12308-1-PBS



Basic Information

Catalog Number: 12308-1-PBS	GenBank Accession Number: BC028003	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 9466	
Isotype: IgG	UNIPROT ID: Q6UWB1	
Immunogen Catalog Number: AG2956	Full Name: interleukin 27 receptor, alpha	
	Calculated MW: 636 aa, 69 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

IL-27RA, also known as T-cell cytokine receptor WSX-1 or TCCR, is a unique receptor subunit for the cytokine IL-27. It is expressed in a variety of cells including activated T cells, NK cells, mast cells, endothelial cells, activated B cells, monocytes, Langerhans cells, and activated dendritic cells (PMID: 18378322). The interaction with IL-27 leads to the phosphorylation of Jak and STAT proteins, which are crucial for the regulation of immune responses (PMID: 28536468). IL-27RA plays a significant role in immune cell activation and differentiation, particularly in the context of Th1 and Th17 cells (PMID: 38566992).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

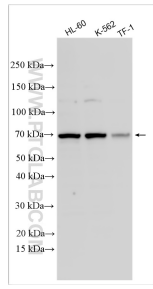
T: 4006900926

E: Proteintech-CN@ptglab.com

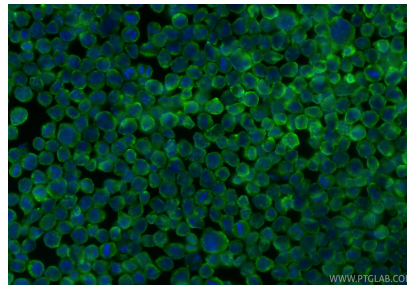
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12308-1-AP (IL-27RA antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12308-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HL-60 cells using IL-27RA antibody (12308-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 12308-1-PBS in a different storage buffer formulation.