

For Research Use Only

IL-21R Monoclonal antibody, PBS Only



Catalog Number: 66319-1-PBS

Basic Information

Catalog Number: 66319-1-PBS	GenBank Accession Number: BC004348	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 50615	CloneNo.: 1D1C2
Source: Mouse	UNIPROT ID: Q9HBE5	
Isotype: IgG2b	Full Name: interleukin 21 receptor	
Immunogen Catalog Number: AG21295	Calculated MW: 59 kDa	
	Observed MW: 55-65 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC

Species Specificity:
human

Background Information

IL21R, a receptor for interleukin-21, belongs to the type I cytokine receptor family. IL21R has been shown to form a heterodimeric receptor complex with the common gamma-chain, a receptor subunit also shared by the receptors for interleukin 2, 4, 7, 9, and 15. This receptor transduces the promoting signal of IL21, and is important for the proliferation and differentiation of T cells, B cells, and natural killer (NK) cells. The ligand binding of this receptor leads to the activation of multiple downstream signaling molecules, including JAK1, JAK3, STAT1, and STAT3.

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

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

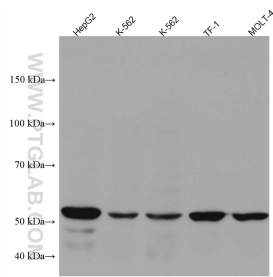
T: 4006900926

E: Proteintech-CN@ptglab.com

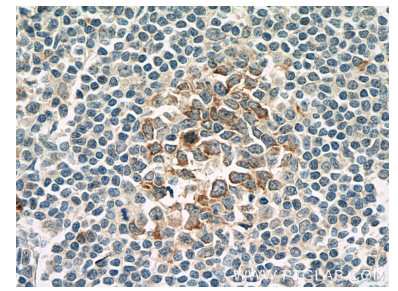
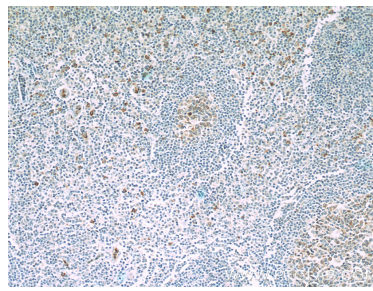
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66319-1-Ig (IL-21R antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66319-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66319-1-Ig (IL21R antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66319-1-PBS in a different storage buffer formulation.