

For Research Use Only

IL-28A Polyclonal antibody

Catalog Number: 22646-1-AP



Basic Information

Catalog Number: 22646-1-AP	GenBank Accession Number: BC113583	Purification Method: Antigen affinity purification
Size: 650 µg/ml	GeneID (NCBI): 282616	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8IZJO	
Isotype: IgG	Full Name: interleukin 28A (interferon, lambda 2)	
Immunogen Catalog Number: AG18525	Calculated MW: 200 aa, 22 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : Recombinant protein protein, IHC : human tonsillitis tissue,
Species Specificity: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

IL28A, also named as IFNL2 and ZCYT020, is a cytokine with immunomodulatory activity. It up-regulates MHC class I antigen expression. IL28A is a ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1. The ligand/receptor complex seems to signal through the Jak-STAT pathway. It plays a significant role in the antiviral immune defense in the intestinal epithelium.

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:

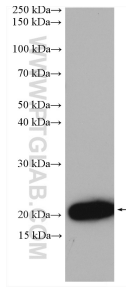
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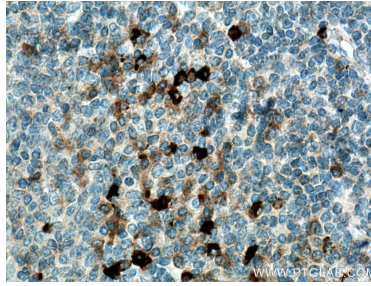
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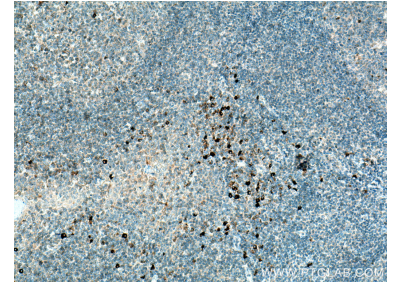
Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with 22646-1-AP (IL-28A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 22646-1-AP (IL-28A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 22646-1-AP (IL-28A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).