

For Research Use Only

IL-29 Monoclonal antibody

Catalog Number: 66163-1-Ig



Basic Information

Catalog Number: 66163-1-Ig	GenBank Accession Number: BC074985	Purification Method: Protein G purification
Size: 1207 µg/ml	GeneID (NCBI): 282618	CloneNo.: 1H3A3
Source: Mouse	UNIPROT ID: Q8IU54	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: interleukin 29 (interferon, lambda 1)	
Immunogen Catalog Number: AG12444	Calculated MW: 200 aa, 22 kDa	
	Observed MW: 22 kDa	

Applications

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

Background Information

Interleukin-29 (IL-29) is a cytokine belonging to the Type III interferon family, which has another two subfamilies IL-28A and IL-28B. They are also known as IFN- λ 1, IFN- λ 2 and IFN- λ 3, respectively. IL-29 is produced predominantly by maturing dendritic cells and macrophages. IL-29 plays an important role in the immune response against pathogens and especially against viruses by mechanisms similar to type I interferons. IL-29 receptor signals through JAK-STAT pathways leading to activated expression of interferon-stimulated genes and production of antiviral proteins.

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:

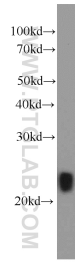
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



GST tagged recombinant IL29 protein were subjected to SDS PAGE followed by western blot with 66163-1-Ig (IL-29 antibody at dilution of 1:20000 incubated at room temperature for 1.5 hours.