

For Research Use Only

Anti-Human IL-29 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98504-1-PBS



Basic Information

Catalog Number: 98504-1-PBS	GenBank Accession Number: NM_172140.1	Purification Method: Protein A purification
Concentration: 1mg, 3000 µg/ml	GeneID (NCBI): 282618	CloneNo.: 250226G7
Source: Rabbit	UNIPROT ID: Q8IU54	
Isotype: IgG	Full Name: interleukin 29 (interferon, lambda 1)	
Immunogen Catalog Number: EG2843	Calculated MW: 22 kDa	

Applications

Tested Applications:
FC (Intra)

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 -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:

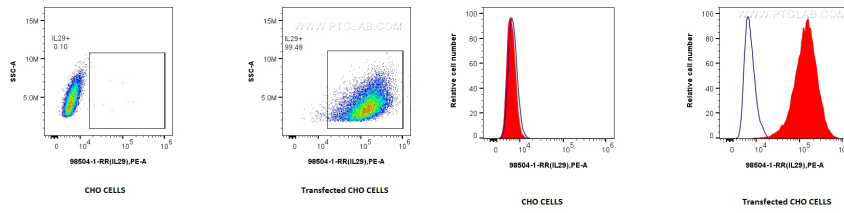
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



1x10⁶ CHO cells or IL-29 transfected CHO cells were intracellularly stained with 0.25 ug Anti-Human IL-29 Rabbit RecAb (98504-1-RR, Clone: 250226G7) and PE-conjugated Goat Anti-Rabbit IgG. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 98504-1-PBS in a different storage buffer formulation.

1x10⁶ CHO cells or IL-29 transfected CHO cells were intracellularly stained with 0.25 ug Anti-Human IL-29 Rabbit RecAb (98504-1-RR, Clone: 250226G7) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 98504-1-PBS in a different storage buffer formulation.