

For Research Use Only

Anti-Mouse IL-19 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98431-2-PBS



Basic Information

Catalog Number:	98431-2-PBS	GenBank Accession Number:	NM_001009940.1	Purification Method:	Protein A purification
Concentration:	1mg, 3 mg/ml	GeneID (NCBI):	329244	CloneNo.:	242880F4
Source:	Rabbit	UNIPROT ID:	Q8CJ70		
Isotype:	IgG	Full Name:	interleukin 19		
Immunogen Catalog Number:	EG2844	Calculated MW:	20 kDa		

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Background Information

IL-19, a member of the IL-10 cytokine family, is expressed in epithelial cells, endothelial cells, and macrophages. It can bind the interleukin-20 receptor complex IL-20R1/IL-20R2 and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). IL-19 induces IL-6 and TNF- α production in monocytes. It also induces cell apoptosis and reactive oxygen species production in monocytes, which suggests a role of this cytokine in inflammatory responses. It is up-regulated in monocytes following stimulation with lipopolysaccharide (LPS), and granulocyte-macrophage colony-stimulating factor (GM-CSF). IL-19 alters the balance of Th1 and Th2 cells in favor of Th2 cells. IL-19 contributes to a range of diseases and disorders, such as breast cancer, squamous cell carcinoma of the skin, asthma, endotoxic shock, uremia, psoriasis, rheumatoid arthritis, and periodontal and vascular disease.

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:

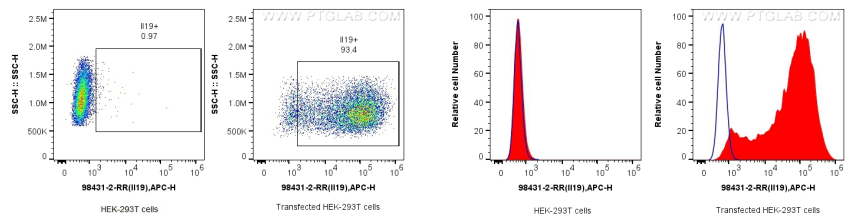
T: 4006900926

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 HEK-293T cells (left) or IL-19 transfected HEK-293T cells (right) were intracellularly stained with 0.25 ug Anti-Mouse IL-19 Rabbit RecAb (98431-2-RR, Clone: 242880F4) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 98431-2-PBS in a different storage buffer formulation.

1x10⁶ HEK-293T cells (left) or IL-19 transfected HEK-293T cells (right) were intracellularly stained with 0.25 ug Anti-Mouse IL-19 Rabbit RecAb (98431-2-RR, Clone: 242880F4) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 98431-2-PBS in a

