

For Research Use Only

IL-19 Recombinant antibody

Catalog Number: 85817-2-RR



Basic Information

Catalog Number:	85817-2-RR	GenBank Accession Number:	NM_001009940.1	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	329244	CloneNo.:	242880F12
Source:	Rabbit	UNIPROT ID:	Q8CJ70	Recommended Dilutions:	WB 1:500-1:2000
Isotype:	IgG	Full Name:	interleukin 19		
Immunogen Catalog Number:	EG2844	Calculated MW:	20 kDa		

Applications

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

Background Information

IL-19, a member of the IL-10 cytokine family (IL-10, -19, -20, -22, -24, -26, -28, and -29), 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

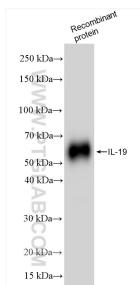
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Human IL-19 Recombinant proteins were subjected to SDS PAGE followed by western blot with 85817-2-RR (IL19 antibody) at dilution of 1:1000 and incubated at room temperature for 1.5 hours.