

For Research Use Only

IL-19 Recombinant antibody

Catalog Number: 85817-2-RR



Basic Information

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| Catalog Number: 85817-2-RR | GenBank Accession Number: NM_001009940.1 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (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

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| Tested Applications: WB, ELISA | Positive Controls: 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

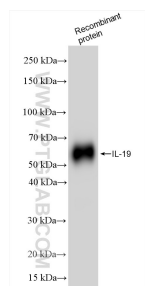
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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

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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.