For Research Use Only

Anti-Mouse IL-19 Rabbit Recombinant Antibody

Catalog Number:98431-2-RR

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Basic Information

Catalog Number:
98431-2-RR

Size:
100ug , 1000 µg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2844

GenBank Accession Number:
NM_001009940.1

GeneID (NCBI):
329244

UNIPROT ID:
Q8CJ70

Full Name:
interleukin 19

Calculated MW:
20 kDa

Purification Method:
Protein A purification

CloneNo.:
242880F4

Recommended Dilutions:
FC (Intra): 0.25 ug per 10^6 cells in a 100 µl suspension

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Positive Controls:

FC (Intra) : Transfected HEK-293T cells,

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-αproduction 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.

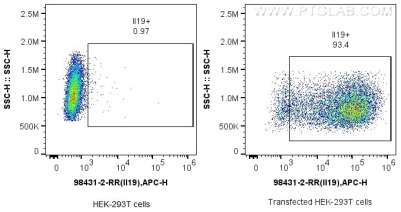
Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

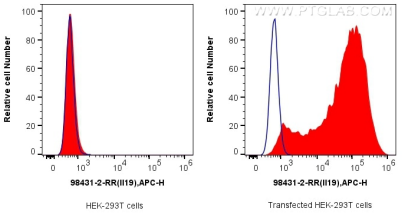
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10^6 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.



1x10^6 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.