

For Research Use Only

# Anti-Human IL-29 Rabbit Recombinant Antibody

Catalog Number: 98504-1-RR



## Basic Information

Catalog Number:

98504-1-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2843

GenBank Accession Number:

NM\_172140.1

GeneID (NCBI):

282618

UNIPROT ID:

Q8IU54

Full Name:

interleukin 29 (interferon, lambda 1)

Calculated MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

250226G7

Recommended Dilutions:

FC (Intra): 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra) : Transfected CHO cells,

## 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-λ1, IFN-λ2 and IFN-λ3, 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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

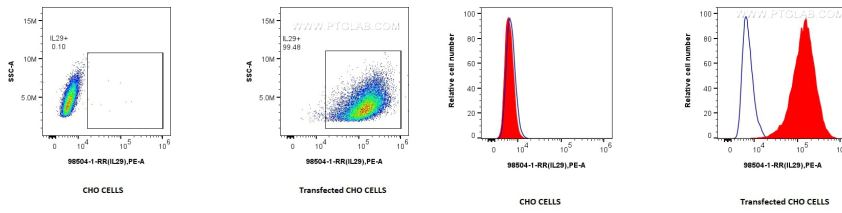
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> 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.

1x10<sup>6</sup> 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.