

For Research Use Only

Anti-Mouse IL-18 Rabbit Recombinant Antibody

Catalog Number: 98846-3-RR



Basic Information

Catalog Number:

98846-3-RR

Concentration:

100ug, 1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4455

GenBank Accession Number:

NM_008360.1

GeneID (NCBI):

16173

UNIPROT ID:

P70380

Full Name:

interleukin 18

Calculated MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

252154A6

Recommended Dilutions:

FC (Intra): 0.25 ug per 10^6 cells in a 100 μ l suspension

Applications

Tested Applications:

FC (Intra)

Species Specificity:

mouse

Positive Controls:

FC (Intra) : Transfected HEK-293T cells, Hepa 1-6 cells

Background Information

IL-18 is a proinflammatory cytokine involved in the development of Th1 cells and in immune response. It can stimulate the NK cells and certain T cells to release IFN gamma which plays an important role in activating the macrophages or other cells. IL-18 has been demonstrated to have the potential to enhance Fas ligand-mediated cytotoxicity, which is increased in PE and regulates placental apoptosis. IL-18 is synthesized as a 22 kDa precursor and then cleaved into a biologically active 18 kDa form.

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:

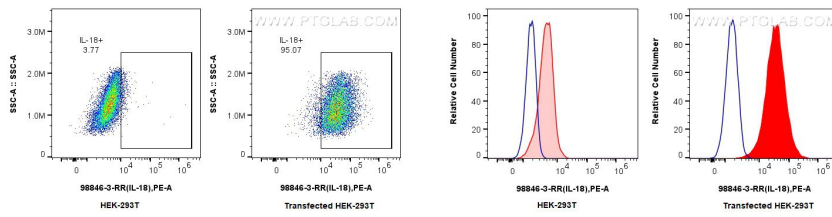
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Selected Validation Data



1x10⁶ HEK-293T cells (left) or IL-18-transfected HEK-293T cells(right) were intracellularly stained with 0.25 ug Anti-Mouse IL-18 Rabbit RecAb (98846-3-RR, Clone: 252154A6) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).

1x10⁶ HEK-293T cells (left) or IL-18-transfected HEK-293T cells(right) were intracellularly stained with 0.25 ug Anti-Mouse IL-18 Rabbit RecAb (98846-3-RR, Clone: 252154A6) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).