

For Research Use Only

PE Anti-Mouse IL-18 Rabbit Recombinant Antibody

Catalog Number: PE-98846-3



Basic Information

Catalog Number:

PE-98846-3

Size:

100ug, 200 ug/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): 0.1 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

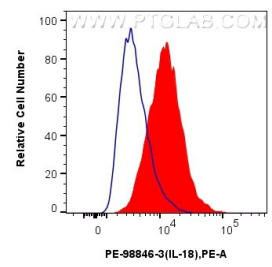
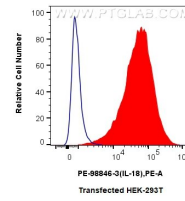
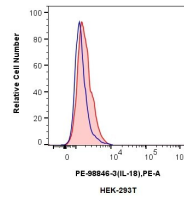
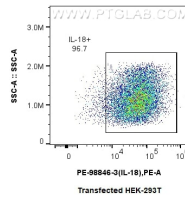
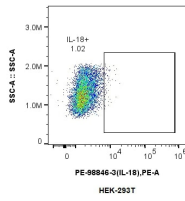
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ HEK-293T cells (left) or IL-18-transfected HEK-293T cells (right) were intracellularly stained with 0.1 ug PE Anti-Mouse IL-18 Rabbit RecAb (PE-98846-3, Clone: 252154A6). 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 0.1 ug PE Anti-Mouse IL-18 Rabbit RecAb (PE-98846-3, Clone: 252154A6) (red) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).

1x10⁶ Hepa 1-6 cells were intracellularly stained with 0.1 ug PE Anti-Mouse IL-18 Rabbit RecAb (PE-98846-3, Clone: 252154A6) (red) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).