

For Research Use Only

# Anti-Mouse IL-18 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98846-3-PBS



## Basic Information

<b>Catalog Number:</b> 98846-3-PBS	<b>GenBank Accession Number:</b> NM_008360.1	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1mg, 3 mg/ml	<b>GeneID (NCBI):</b> 16173	<b>CloneNo.:</b> 252154A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P70380	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 18	
<b>Immunogen Catalog Number:</b> EG4455	<b>Calculated MW:</b> 22 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
mouse

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

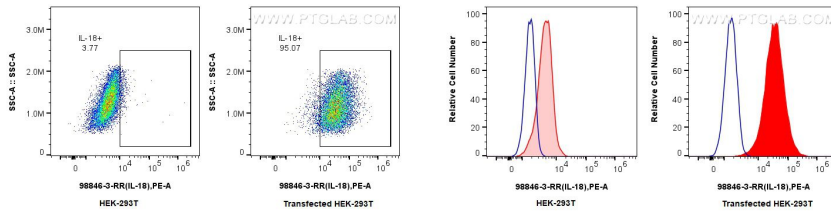
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> 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). This data was developed using the same antibody clone with 98846-3-PBS in a different storage buffer formulation.

1x10<sup>6</sup> 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). This

