

For Research Use Only

# Anti-Pig CXCL8/IL-8 Rabbit Recombinant Antibody

Catalog Number: 98730-1-RR



## Basic Information

Catalog Number:

98730-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4863

GenBank Accession Number:

NM\_213867.1

GeneID (NCBI):

396880

UNIPROT ID:

P26894

Full Name:

Interleukin-8

Calculated MW:

12 kDa

Purification Method:

Protein A purification

CloneNo.:

251403D9

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:

pig

Positive Controls:

FC (Intra) : Transfected CHO cells,

## Background Information

Interleukin 8 (IL-8), also known as CXCL8, which is a member of the CXC chemokine family. This chemokine is secreted by a variety of cell types including monocyte/macrophages, T cells, neutrophils, fibroblasts, endothelial cells, and various tumor cell lines in response to inflammatory stimuli. IL-8 has two primary functions. It induces chemotaxis in target cells, primarily neutrophils but also other granulocytes, causing them to migrate toward the site of infection. IL-8 also induces phagocytosis once they have arrived. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. IL-8 is also known to be a potent promoter of angiogenesis.

## 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:

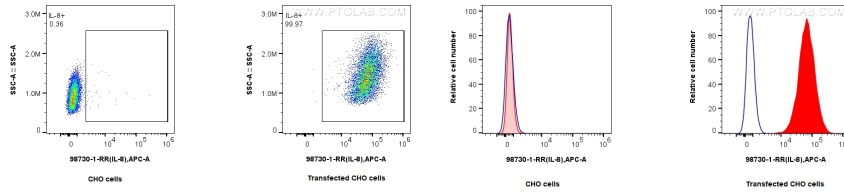
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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## Selected Validation Data



$1 \times 10^6$  CHO cells or IL-8-transfected CHO cells were stained with 0.25 ug Anti-Pig CXCL8/IL-8 Rabbit RecAb (98730-1-RR, Clone: 251403D9) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00017).

$1 \times 10^6$  CHO cells or IL-8-transfected CHO cells were intracellularly stained with 0.25 ug Anti-Pig CXCL8/IL-8 Rabbit RecAb (98730-1-RR, Clone: 251403D9) (red) or 0.25 ug Isotype Control (blue), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00017).