

For Research Use Only

Anti-Pig CXCL8/IL-8 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98730-1-PBS



Basic Information

Catalog Number: 98730-1-PBS	GenBank Accession Number: NM_213867.1	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 396880	CloneNo.: 251403D9
Source: Rabbit	UNIPROT ID: P26894	
Isotype: IgG	Full Name: Interleukin-8	
Immunogen Catalog Number: EG4863	Calculated MW: 12 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
pig

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 -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:

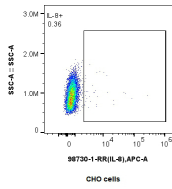
T: 4006900926

E: Proteintech-CN@ptglab.com

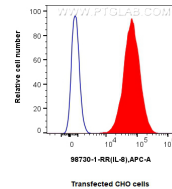
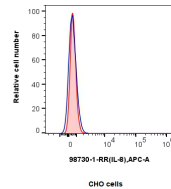
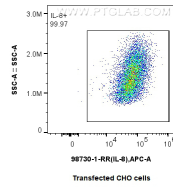
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ 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). This data was developed using the same antibody clone with 98730-1-PBS in a different storage buffer formulation.



1x10⁶ 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). This data was developed using the same antibody clone with 98730-1-PBS in a different storage buffer formulation.