

For Research Use Only

# FcZero-rAb™ APC-Cyanine7 Anti-Human CXCL9/MIG Rabbit Recombinant Antibody

Catalog Number: AY7-FcA98211



## Basic Information

Catalog Number:

AY7-FcA98211

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17932

GenBank Accession Number:

BC095396

GeneID (NCBI):

4283

UNIPROT ID:

Q07325

Full Name:

chemokine (C-X-C motif) ligand 9

Calculated MW:

14 kDa

Purification Method:

Protein A purification

CloneNo.:

241437F5

Recommended Dilutions:

FC (Intra): 5 ul per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 778 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra): IFN gamma, TNF α and Brefeldin A treated human PBMCs,

## Background Information

CXCL9 is a small cytokine known as MIG. CXCL9 is a T-cell chemoattractant, which is induced by IFN-γ. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4. A high level of CXCL9 revealed in peripheral liquids, can be considered as a marker of host immune response, especially of that involving Th1 cells.

## 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

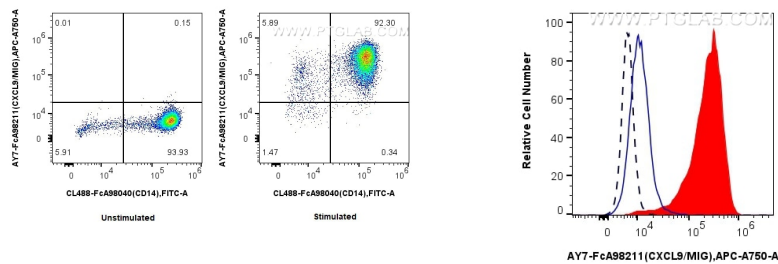
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

Selected Validation Data



1x10<sup>6</sup> untreated or IFN gamma, TNF α and Brefeldin A treated human PBMCs were intracellularly stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD14 and 5 ul APC-Cyanine7 Anti-Human CXCL9/MIG Rabbit RecAb (AY7-FcA98211, Clone:241437F5). Cells were incubated with MonoZero™ Monocytes blocking Reagent(PF00020) prior to staining. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

1x10<sup>6</sup> IFN gamma, TNF α and Brefeldin A treated human PBMCs were intracellularly stained with 5 ul APC-Cyanine7 Anti-Human CXCL9/MIG Rabbit RecAb (AY7-FcA98211, Clone: 241437F5) (red) or FcZero-rAb™ APC-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (AY7-FcA98136, Clone: 240953C9) (blue). 1x10<sup>6</sup> untreated human PBMCs were intracellularly stained with 5 ul APC-Cyanine7 Anti-Human CXCL9/MIG Rabbit RecAb (AY7-FcA98211,

