For Research Use Only

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

Catalog Number:AY7-FcA98211

proteintech®
Antibodies | ELISA kits | Proteins
FcZero-rAb
www.ptglab.com

Basic Information

Catalog Number:
AY7-FcA98211

Concentration:
100tests, 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 10^6 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

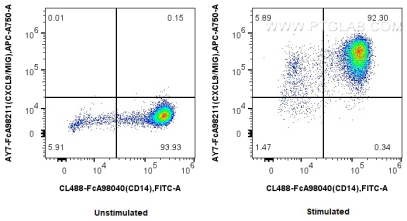
CXCL9 is a small cytokine known as MIG. CXCL9 is a T-cell chemoattractant, which is induced by IFN-γ. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4. A high level of CXCL9 revealed in peripheral liquids,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

Storage

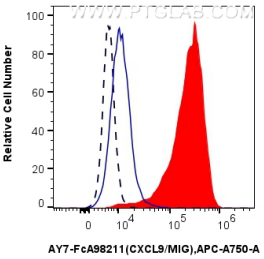
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

Selected Validation Data



1x10^6 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.



1x10^6 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). 1x10^6 untreated human PBMCs were intracellularly stained with 5 ul APC-Cyanine7 Anti-Human CXCL9/MIG Rabbit RecAb (AY7-FcA98211, Clone: 241437F5)