

For Research Use Only

# MultiPro™ 5CFLX Anti-Human IFN Gamma (1E10G7)



Catalog Number:G69007-1-5C

## Basic Information

Catalog Number:

G69007-1-5C

Size:

10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

HZ-1301

GenBank Accession Number:

GeneID (NCBI):

3458

ENSEMBL Gene ID:

ENSG00000111537

Full Name:

MultiPro™ 5CFLX Anti-Human IFN  
Gamma (1E10G7)

CloneNo.:

1E10G7

Conjugate:

5CFLX

Full Oligo Sequence:

CGGAGATGTGTATAAGACAGCGAG  
AGAATGACTGCCCATATAAGAAA

Barcode Sequence:

CGAGAGAATGACTGC

## Applications

Tested Applications:

Single Cell (Intra)

Species Specificity:

Human

## Background Information

Interferon gamma (IFNG) is a soluble cytokine that is the only member of the type II class of interferons. It is secreted by Th1 cells, cytotoxic T cells and NK cells. The cytokine is associated with antiviral, immunoregulatory and anti-tumor properties and is a potent activator of macrophages. It plays crucial roles in pathogen clearance. Aberrant IFNG expression is associated with a number of autoinflammatory and autoimmune diseases. It has been identified in many studies as a biomarker for pleural tuberculosis (TB). Mutations in this gene are associated with aplastic anemia.

This antibody can be used to neutralize the bioactivity of Interferon gamma.

## Storage

Storage:

2-8°C

Storage Buffer:

PBS with 1mM EDTA and 0.09% sodium azide

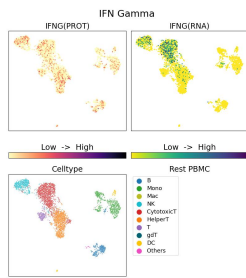
For technical support and original validation data for this product please contact:

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

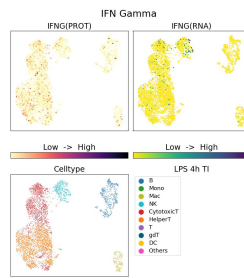
E: proteintech@ptglab.com  
W: ptglab.com

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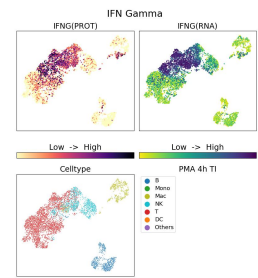
## Selected Validation Data



G69007-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G69007-1-5C was used to stain PBMC under 4hr LPS + TI treatment and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G69007-1-5C was used to stain PBMC under 4hr PMA + TI treatment and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.