

For Research Use Only

# CoraLite®555-conjugated NeutraKine® IFN Gamma Monoclonal antibody



Catalog Number:CL555-69007

## Basic Information

<b>Catalog Number:</b> CL555-69007	<b>GenBank Accession Number:</b> GeneID (NCBI): 3458	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Full Name:</b> IFN gamma	<b>CloneNo.:</b> 1E10G7
<b>Source:</b> Mouse		<b>Excitation/Emission maxima wavelengths:</b> 555 nm / 570 nm
<b>Isotype:</b> IgG1		
<b>Immunogen Catalog Number:</b> HZ-1301		

## Applications

**Tested Applications:**  
FC (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:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

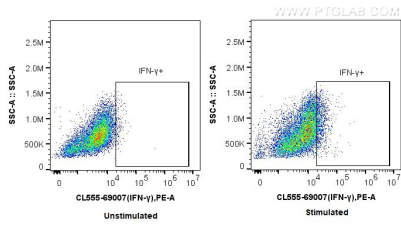
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

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> PMA and ionomycin treated Jurkat cells were intracellularly stained with 0.25 ug CoraLite®555 Anti-Human NeutraKine® IFN Gamma (CL555-69007, Clone:1E10G7), and 0.25 ug x. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).