

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IFN gamma



Numéro de catalogue: **FITC-65153**

## Informations de base

Numéro de catalogue:	Numéro d'acquisition GenBank:	Méthode de purification:
FITC-65153	BC119063	Purification par affinité
Taille:	Identification du gène (NCBI):	CloneNo.:
100ug, 0.5 mg/ml	15978	XMG1.2
Hôte:	Nom complet:	Excitation/Emission maxima wavelengths:
Rat	interferon gamma	495 nm / 524 nm
Isotype:	MW calculé	
IgG1, kappa	17 kDa	

## Applications

Applications testées:  
FC (Intra)

Spécificité de l'espèce:  
souris

## Informations générales

Interferon gamma (IFN  $\gamma$ ), is a type II interferon that provides immunity against bacterial, viral and protozoan infections. In its active form, IFN  $\gamma$  is a glycosylated, non-covalently linked homodimer of 29-32 kDa subunits. It is produced by a number of immune cell types including natural killer cells, natural killer T cells, and effector lymphocyte T cells following antigenic and inflammatory triggers. The IFN  $\gamma$  dimer binds to its cognate receptor which has two subunits: IFN- $\gamma$  R1 which is the ligand-binding chain ( $\alpha$  chain) and IFN- $\gamma$  R2, the signal-transducing chain ( $\beta$  chain). Binding to the receptor activates the JAK/STAT pathway which in turn activates IFN  $\gamma$  responsive genes. While IFN  $\gamma$  can inhibit viral replication, it also works as an immune-modulator and immune-stimulator by increasing surface expression of class I MHC proteins. (PMID: 19268625; 10688427)

## Stockage

Stockage:  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:  
Tampon à base de phosphate avec azoture de sodium à 0,09 % et gélatine à 0,1 %, pH 7,2.

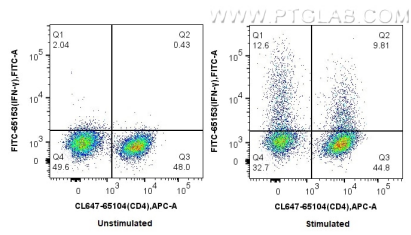
For technical support and original validation data for this product please contact:

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## Données de validation sélectionnées



1X10<sup>6</sup> unstimulated or PMA and Ionomycin stimulated (in the presence of Brefeldin A) C57BL/6 mouse splenocytes were surface stained with CoraLite® Plus 647 Anti-Mouse CD4 (CL647-65104, Clone: GK1.5) and then fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). Cells were then stained with 0.25 ug FITC Plus Anti-Mouse IFN gamma (FITC-65153, Clone: XMG1.2).