

À des fins de recherche uniquement

Anticorps Monoclonal anti-IFN gamma



Numéro de catalogue: **CL647-65153**

Informations de base

Numéro de catalogue: CL647-65153	Numéro d'acquisition GenBank: BC119063	Méthode de purification: Purification par affinité
Taille: 100tests , 5 µl/test	Identification du gène (NCBI): 15978	CloneNo.: XMG1.2
Hôte: Rat	Nom complet: interferon gamma	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1, kappa	MW calculé 17 kDa	

Applications

Applications testées:
FC (Intra)
Spécificité de l'espèce:
souris

Informations générales

Interferon gamma (IFN γ), is a type II interferon that provides immunity against bacterial, viral and protozoan infections. In its active form, IFN γ 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 γ dimer binds to its cognate receptor which has two subunits: IFN- γ R1 which is the ligand-binding chain (α chain) and IFN- γ R2, the signal-transducing chain (β chain). Binding to the receptor activates the JAK/STAT pathway which in turn activates IFN γ responsive genes. While IFN γ 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:
PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

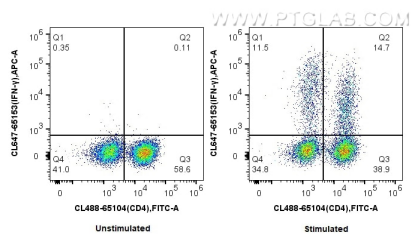
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



1X10⁶ unstimulated or PMA and Ionomycin stimulated (in the presence of Brefeldin A) C57BL/6 mouse splenocytes were surface stained with CoraLite® 488 Anti-Mouse CD4 (CL488-65104, Clone: GK1.5) and then fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). Cells were then stained with 5 ul CoraLite® Plus 647 Anti-Mouse IFN gamma (CL647-65153, Clone: XMG1.2).