

À des fins de recherche uniquement

Anticorps Monoclonal anti-IFN gamma



Numéro de catalogue: PE-65153

3 Publications

Informations de base

| | | |
|----------------------------------|---|---|
| Numéro de catalogue: PE-65153 | Numéro d'acquisition GenBank: BC119063 | Méthode de purification: Purification par affinité |
| Taille: 100ug, 0.2 mg/ml | Identification du gène (NCBI): 15978 | CloneNo.: XMG1.2 |
| Hôte: Rat | Nom complet: interferon gamma | Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm |
| Isotype: IgG1, kappa | MW calculé 17 kDa | |

Applications

Applications testées:

FC (Intra)

Demandes citées:

FC, FC (Intra)

Spécificité de l'espèce:

souris

Espèces citées:

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)

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|--------------|-----------|---------------|-------------|
| Ping Yang | 36184646 | Nat Commun | FC (Intra) |
| Li Wu | 35344716 | Phytomedicine | FC (Intra) |
| Yunkai Shang | 37192052 | ACS Nano | FC |

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.

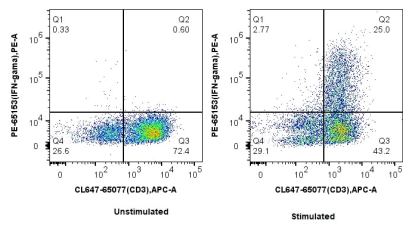
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



1X10⁶ 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 CD3 (CL647-65077, Clone: 17A2) and then fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). Cells were then stained with 0.5 ug PE Anti-Mouse IFN gamma (PE-65153, Clone: XMG1.2).