

Nur für Forschungszwecke

IFN gamma Monoklonaler Antikörper



Katalog-Nr.: PE-65153

3 Publikationen

Allgemeine Informationen

| | | |
|-----------------------------------|--|--|
| Katalog-Nr.: PE-65153 | GenBank-Zugangsnummer: BC119063 | Reinigungsmethode: Affinitätsreinigung |
| Größe: 100ug, 0.2 mg/ml | GeneID (NCBI): 15978 | CloneNo.: XMG1.2 |
| Wirt: Ratte | Vollständiger Name: interferon gamma | Anregungs-/Emissionsmaxima-Wellenlängen: 496 nm, 565 nm / 578 nm |
| Isotyp: IgG1, kappa | | |

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

In Publikationen genannte Anwendungen:
FC, FC (Intra)

Getestete Reaktivität:
Maus

Zitierte Arten:
Maus

Hintergrundinformationen

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)

Bemerkenswerte Veröffentlichungen

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

Lagerung

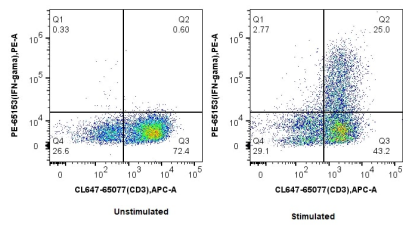
Lagerungsbedingungen:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Lagerungspuffer:
Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

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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Ausgewählte Validierungsdaten



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 µg PE Anti-Mouse IFN gamma (PE-65153, Clone: XMG1.2).