

Nur für Forschungszwecke

NeutraKine® IFN Gamma Monoklonaler Antikörper



Katalog-Nr.: 69007-1-Ig

Allgemeine Informationen

Katalog-Nr.:
69007-1-Ig

Größe:
100ug

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
HZ-1301

GenBank-Zugangsnummer:

GeneID (NCBI):

3458

Vollständiger Name:

IFN gamma

Reinigungsmethode:

Protein-G-Reinigung

CloneNo.:

1E10G7

Anwendungen

Geprüfte Anwendungen:

Neutralization, ELISA

Getestete Reaktivität:

Human

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:

Lyophilisierte Antikörper sind bei Lagerung zwischen (-20°C) und (-80°C) 1 Jahr ab Empfangsdatum stabil. Bei Rekonstitution empfehlen wir, die Lösung kurzfristig bei (4°C) oder langfristig bei (-20°C) bis (-80°C) zu lagern. Rekonstituierte Produkte sollten nicht wiederholt eingefroren und wieder aufgetaut werden.

Lagerungspuffer:

Sterile PBS.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

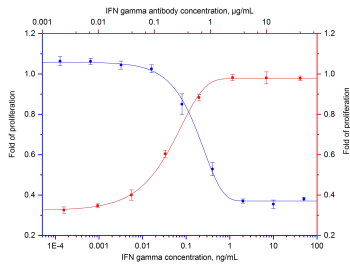
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

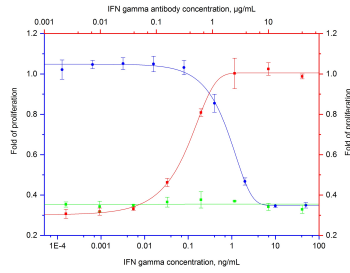
E: proteintech@ptglab.com
W: ptglab.com

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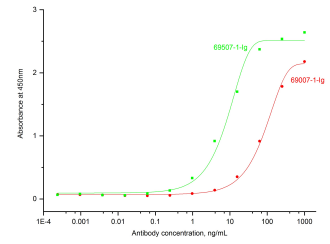
Ausgewählte Validierungsdaten



Recombinant human IFN-gamma (Cat.NO. HZ-1301) inhibits HT-29 cell line (human colorectal adenocarcinoma cell line) proliferation in the presence of 0.5 ng/mL TNF alpha in a dose-dependent manner (blue curve, refer to bottom X-left Y axis). The activity of human IFN-gamma (2ng/mL HZ-1301 axis) is neutralized by mouse anti-human IFN-gamma monoclonal antibody 69007-1-Ig at serial dose (refer to top X-right Y axis). The ND50 is typically 100-



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Indirect ELISA was carried out by coating recombinant Human IFN gamma (Cat.NO. HZ-1301) at 70 ng/well followed by blocking and adding serial diluted IFN gamma antibody 69007-1-Ig and 69507-1-Ig respectively. Signal was developed with TMB and stopped by H₂SO₄. Signal strength was measured by absorbance at 450 nm.