

À des fins de recherche uniquement

# Anticorps Monoclonal anti-NeutraControl IFN gamma



Numéro de catalogue: 69507-1-Ig

## Informations de base

Numéro de catalogue:

69507-1-Ig

Taille:

100ug

Hôte:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

HZ-1301

Numéro d'acquisition GenBank:

Identification du gène (NCBI):

3458

Nom complet:

IFN gamma

Méthode de purification:

Purification par protéine G

CloneNo.:

2F11G6

## Applications

Applications testées:

Non-Neutralization, ELISA

Spécificité de l'espèce:

Humain

## Informations générales

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 is a neutralizing control antibody for IFN gamma, the immunogen is the same as Neutrakine 69007-1-Ig but could not neutralize human IFN gamma.

## Stockage

Stockage:

Les anticorps lyophilisés sont stables pendant 1 an à compter de la date de réception s'ils sont stockés à une température comprise entre -20 °C et -80 °C. Après reconstitution, nous recommandons que la solution soit stockée à (4 °C) pour une courte durée ou à une température comprise entre (-20 °C) et (-80 °C) pour une longue durée. Il convient d'éviter les cycles répétés de congélation-décongélation avec les produits reconstitués.

Tampon de stockage:

PBS stérile.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

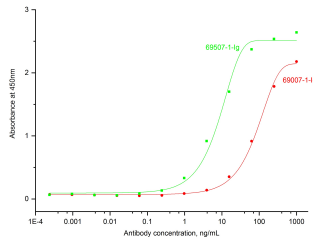
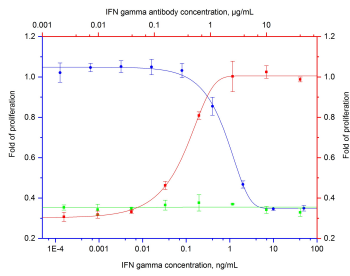
For technical support and original validation data for this product please contact:

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## Données de validation sélectionnées



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 (5 ng/mL HZ-1301 axis) is neutralized by mouse anti-human IFN-gamma monoclonal antibody 69007-1-Ig at serial dose (red curve, refer to top X-right Y axis). The ND50 is typically 100-



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.