

# Rabbit anti-Mouse/Rat IFN-gamma mAb

**Catalog No.:** RMK0001

## Basic Information

**Catalog No.**  
RMK0001

**Catagory**  
Elisa Antibody Kit

**Application**  
Multiplex

## Product Information

**Ig Type**  
Rabbit IgG


**Purification**  
Affinity purification


**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2µm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

## Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

## Background

Interferon-gamma (IFN-gamma ), also known as type II or immune interferon, exerts a wide range of immunoregulatory activities and is considered to be the prototype proinflammatory cytokine . Mature rat IFN-gamma exists as a noncovalently linked homodimer of 20 - 25 kDa variably glycosylated subunits. It shares 86% amino acid sequence identity with mouse IFN-gamma and 37%?45% with bovine, canine, cotton rat, equine, feline, human, porcine, and rhesus IFN-gamma. IFN-gamma dimers bind to IFN-gamma RI (alpha subunits) which then interact with IFN-gamma RII (beta subunits) to form the functional receptor complex of two alpha and two beta subunits. Inclusion of IFN-gamma RII increases the binding affinity for ligand and the efficiency of signal transduction. IFN? gamma is produced by a variety of immune cells under inflammatory conditions, notably by T cells and NK cells. It plays a key role in host defense by promoting the development and activation of Th1 cells, chemoattraction and activation of monocytes and macrophages, upregulation of ...

## Immunogen Information

**Immunogen**  
Recombinant Rat IFN-gamma Protein.

## Cross-Reactivity

Mouse, Rat

## Assay Applications

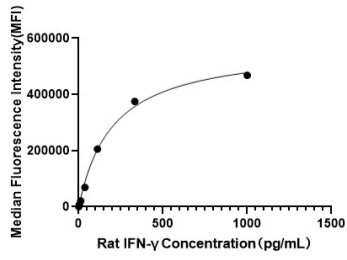
Mouse/Rat IFN-gamma Multiplex

		Recommended Concentration	Sample
Multiplex	Capture	3-20ug/mL	Rabbit anti-Mouse/Rat IFN-gamma mAb(Cat. No. RMK0001)
	Detection	0.017-2ug/mL	Rabbit anti-Rat IFN-gamma mAb(Cat. No.RMK0002)
	Standard	/	/

Multiplex	Capture	0.1-5ug/mL	Rabbit anti-Mouse IFN-gamma mAb(Cat. No. RMK0050)
	Detection	0.5-2ug/mL	Rabbit anti-Mouse/Rat IFN-gamma mAb (Cat. No. RMK0001)
	Standard	6.86-5000pg/mL	Recombinant Mouse IFN-gamma Protein (Cat. No.RP01070)

## Validation Data

---



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.