

# Rabbit anti- Human IFN gamma mAb

**Catalog No.:** RMK0040

## Basic Information

**Catalog No.**  
RMK0040

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG


**Purification**  
Affinity purification


**Endotoxin Level**


**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.8.

## Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

## Background

Interferon-gamma (IFN- $\gamma$ ) is an important immunomodulatory cytokine, affecting both the innate and adaptive immune systems. It was discovered in 1965 as a soluble antiviral factor and has since been shown to promote host defense against a wide variety of pathogens. IFN- $\gamma$  signaling plays a key role in host defense by promoting macrophage activation, upregulating the expression of antigen processing and presentation molecules, driving the development and activation of Th1 cells, enhancing natural killer cell activity, regulating B cell functions, and inducing the production of chemokines that promote effector cell trafficking to sites of inflammation. Receptor subunit for interferon gamma/INFG that plays crucial roles in antimicrobial, antiviral, and antitumor responses by activating effector immune cells and enhancing antigen presentation. Associates with transmembrane accessory factor IFNGR2 to form a functional receptor. Upon ligand binding, the intracellular domain of IFNGR1 opens out to allow association of downstream signaling compon...

## Immunogen Information

**Immunogen**  
Recombinant Human IFN gamma

## Cross-Reactivity

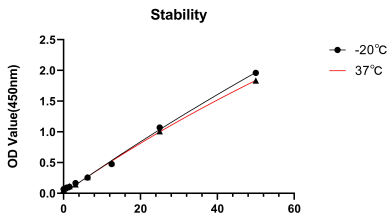
/

## Assay Applications

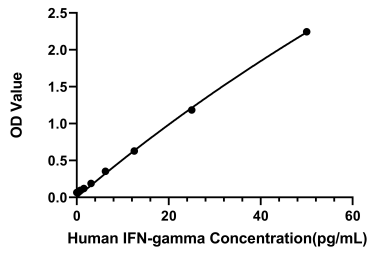
Human IFN gamma ELISA assay

		Recommended Concentration	Sample
ELISA assay	Capture	1-4ug/mL	Rabbit anti-Human IFN gamma mAb (Cat. No. RMK0039)
	Detection	0.125-0.5ug/mL	Rabbit anti-Human IFN gamma mAb (Cat. No. RMK0040)
	Standard	0.78-50pg/mL	Recombinant Human IFN gamma Protein

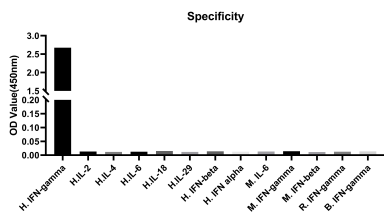
# Validation Data



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.



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



No significant cross-reactivity or interference was observed.