

# Rabbit anti-Human IFN-gamma mAb (CAP)

Catalog No.: RMK0037

# **Basic Information**

# Catalog No.

RMK0037

#### Catagory

Elisa Antibody Kit

### **Application**

ELISA,CLIA

#### **Product Information**

## Ig Type

Rabbit IgG

## **Purification**

Affinity purification

#### **Endotoxin Level**

/

#### Storage

Store at -20°C.

Avoid repeated freeze-thaw cycles.

#### **Formulation**

Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## **Contact**

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# **Background**

This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases.

## **Immunogen Information**

## **Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 24-166 of human IFN-gamma (NP\_000610.2).

# **Cross-Reactivity**

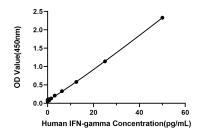
Human

# **Assay Applications**

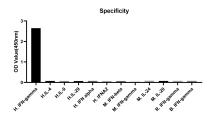
Human IFN-gamma Sanwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Human IFN-gamma mAb (Cat. No. RMK0037)
	Detection	0.125-0.5 μg/mL	Rabbit anti-Human IFN-gamma mAb (Cat. No. RMK0038)
	Standard	0.78-50 pg/mL	Recombinant Human IFN-gamma Protein

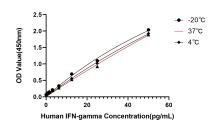
CLIA	Capture	1-4 μg/mL	Rabbit anti-Human IFN-gamma mAb (Cat. No. RMK0037)
	Detection	0.5-2 μg/mL	Rabbit anti-Human IFN-gamma mAb (Cat. No. RMK0038)
	Standard	5-2000 pg/mL	Recombinant Human IFN-gamma Protein



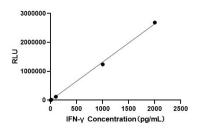
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



Placed at  $37^{\circ}$ C for 3 days, the stability of the standard curve all conform to CV <10%.



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