

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

**Catalog No.:** RMK0038

## Basic Information

**Catalog No.**  
RMK0038

**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 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

## Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

## 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

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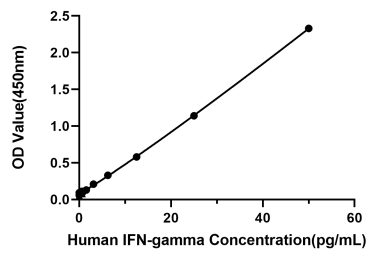
## Assay Applications

Human IFN-gamma Sanwich Immunoassay

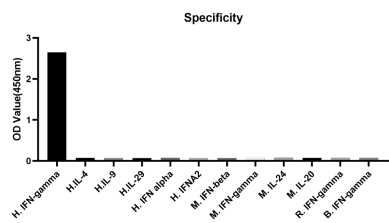
|       |           | Recommended Concentration | Sample   |
|-------|-----------|---------------------------|--|
| ELISA | Capture   | 1-4ug/mL                  | Rabbit anti-Human IFN-gamma mAb(Cat. No.RMK0037) |
|       | Detection | 0.125-0.5ug/mL            | Rabbit anti-Human IFN-gamma mAb(Cat.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

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

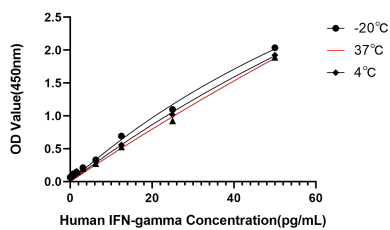
Validation Data



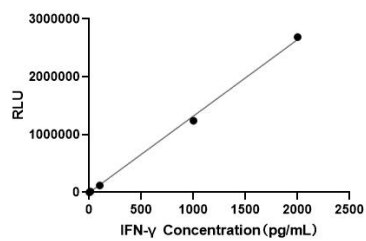
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



Placed at 37°C for 3 days, the stability of the standard curve all conform to CV <10%.



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