

Rabbit anti-Human IFN- γ mAb (CAP)

Catalog No.: RM17707

Basic Information

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RM17707

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.1% BSA, pH 7.4.

Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

Background

Interferon-gamma (IFN- γ /IFNG) is a dimerized soluble cytokine that is the only member of the type II class of interferon. This interferon was originally called macrophage-activating factor, a term now used to describe a larger family of proteins to which IFN- γ belongs. IFN-gamma has been used in a wide variety of clinical indications. Interferon-gamma (IFN γ) is a central regulator of the immune response and signals via the Janus Activated Kinase (JAK)-Signal Transducer and Activator of Transcription (STAT) pathway. Interferon gamma has broader roles in activation of innate and adaptive immune responses to viruses and tumors, in part through upregulating transcription of genes involved in cell cycle regulation, apoptosis, and antigen processing/presentation. Despite this, rodent and human trophoblast cells show dampened responses to IFNG that reflect the resistance of these cells to IFNG-mediated activation of major histocompatibility complex (MHC) class II transplantation antigen expression.

Immunogen Information

Immunogen
Recombinant IFN- γ Protein

Cross-Reactivity

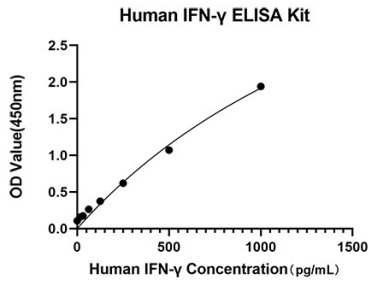
No cross-reactivity in ELISA assay with recombinant hIFN- α , hIL-29, hIL-28A, hIFN- β , hIL-2, hIFN- α , mIFN- γ , rIFN- γ

Assay Applications

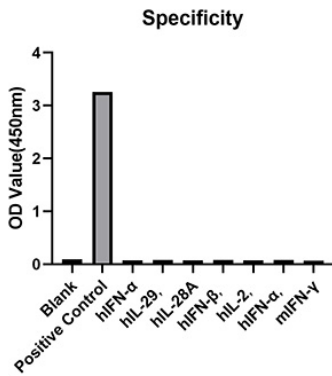
Human IFN- γ Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2ug/mL	Rabbit anti-Human IFN- γ (CAP)(Cat. No.RM17707)
ELISA Detection	0.025-0.1ug/mL	Rabbit anti-Human IFN- γ (DET)(Cat. No.RM17708)
Standard	15.625-1000pg/mL	Recombinant Human IFN- γ Protein

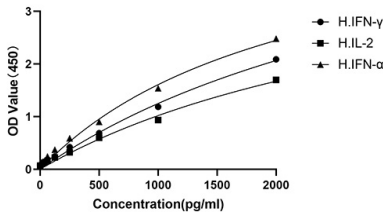
Validation Data



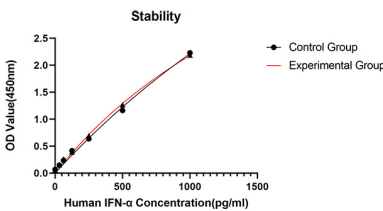
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



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