

# Rabbit anti-Human IFN- $\alpha$ mAb (CAP)

**Catalog No.: RM17817**

## Basic Information

**Catalog No.**  
RM17817

**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

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## Background

Interferon-Alpha 2a (IFN-Alpha 2a), Human produced by leukocytes is a member of Interferon family. IFN-alpha is mainly involved in innate immune response against a broad range of viral infections. IFN-alpha 2 has three acid stable forms (a,b,c) signaling through IFNAR2. IFN-alpha 2a shares 99.4% , 98.8% aa sequence identity with IFN-alpha 2b and 2c respectively. IFN-alpha contains four highly conserved cysteine residues which form two disulfide bonds, one of which is necessary for biological activity.

## Immunogen Information

**Immunogen**  
Recombinant IFN- $\alpha$  Protein

## Cross-Reactivity

No cross-reactivity in ELISA assay with recombinant hIFN- $\beta$ , hIFN-Lambda 1, hIFN-Lambda 2, hIFN- $\gamma$ , mIFN- $\gamma$ , mIFN- $\beta$ , rIFN- $\gamma$

## Assay Applications

Human IFN- $\alpha$  Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human IFN- $\alpha$ mAb (CAP) (Cat. No.RM17817)
ELISA Detection	0.05-0.2ug/mL	Rabbit anti-Human IFN- $\alpha$ mAb (DET) (Cat. No.RM17742)
Standard	1.56-100pg/mL	Rabbit anti-Human IFN- $\alpha$ Protein