

# Rabbit anti-Human IL-10 mAb (CAP)

**Catalog No.: RM17643**

## Basic Information

**Catalog No.**  
RM17643

**Catagory**  
Elisa Antibody Kit

**Application**  
multiplex assay

## 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 7.4.

## Contact

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## Background

The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

## Immunogen Information

**Immunogen**  
Recombinant Human IL-10 Protein  
Ser19-Asn178  
Accession #P22301

## Cross-Reactivity

No cross-reactivity in multiplex assay with recombinant rIL-10,,mIL-10

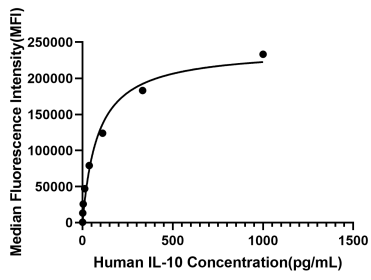
## Assay Applications

Human IL-10 multiplex assay

|                 | Recommended Concentration | Sample  |
|-----------------|---------------------------|---|
| ELISA Capture   | 10ug/106                  | Rabbit anti-Human IL-10 mAb (CAP)(Cat. No. RM17643) |
| ELISA Detection | 0.5-2ug/mL                | Rabbit anti-Human IL-10 mAb (DET)(Cat. No. RM17644) |
| Standard        | 1.4-1000pg/mL             | Recombinant IL-10 Protein (Cat. No. RM94521)        |

## Validation Data

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