

# Rabbit anti-Human IL10 mAb

**Catalog No.: A28972**

## Basic Information

### Observed MW

### Calculated MW

21kDa

### Category

Primary antibody

### Applications

FC (intra)

### Cross-Reactivity

Human

### CloneNo number

ARC5243

## 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.

## Recommended Dilutions

**FC (intra)** 1:100-1:500

## Immunogen Information

### Gene ID

3586

### Swiss Prot

P22301

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

CSIF; TGIF; GVHDS; IL-10; IL10A

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at 4°C for up to 4 weeks and -20°C for long term storage. Avoid freeze / thaw cycles. Buffer: PBS, pH7.3.