

# IL 10 Antibody



CPAB0347

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## Product Information

**Size:**

2x200µg

**Applications:****Reactivity:**

Mouse

**Source:**

Rat

**Isotype:**

IgM

**Purification Method:**

Boric Acid precipitation/ S-Sepharose.

**Protein Background:**

IL10 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.

**Synonyms:**

B-TCGF, CSIF, TGIF, IL-10, IL10A, MGC126450, MGC126451, Cytokine synthesis inhibitory factor.

**Immunogen:**

r.Murine IL-1

**Storage:**

In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.