

Product Data Sheet

Cat # AB-11310

Rat Anti-Mouse Interleukin-10 IgG

Size: 100ug

Synonyms:

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

Type:

Rat Anti Mouse Monoclonal

Introduction:

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. Direct ELISA, Western Blot, Immunoprecipitation Immunohistochemistry, Intracellular staining.

Immunogen:

Recombinant .Murine IL-10

Ig Subclass:

Rat IgM; purified by boric acid preparation; 1mg/mL in PBS after reconstitution; Reconstitute with sterile H2O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

Storage Procedures:

In lyophilized form, for long periods, store at 4oC in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20oC. Two years lyophilized, one month in solution at 4oC Antibody is shipped lyophilized at ambient temperature.

Titer:

By direct ELISA, 1:5,000 dilution will yield 0.1 O.D using alkaline phosphatase conjugated rabbit anti-mouse Ig

Usage:

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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