

32-5858: Rat Anti Mouse Interleukin-10(Clone:NYRmIL-10.)

Clonality :	Monoclonal
Clone Name :	NYRmIL-10.
Application :	ELISA,WB,IP IHC,FACS
Gene :	IL10
Gene ID :	3586
Uniprot ID :	P22301
Format :	Purified
Alternative Name :	B-TCGF,CSIF,TGIF,IL-10,IL10A,MGC126450,MGC126451,Cytokine synthesis inhibitory factor.
Isotype :	Rat IgM.
Immunogen Information :	r.Murine IL-10.

Description

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.

Product Info

Amount :	1 mg
Purification :	Boric Acid precipitation.
Content :	1mg/ml in PBS (after reconstitution).
Storage condition :	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.

Application Note

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