

IL-10 Antibody

CATALOG NO:	6638-30T 30 µg (Trial size) 6638-100 100 µg
CONCENTRATION:	0.5 mg/ml
IMMUNOGEN:	Recombinant human protein
INTERNAL ID:	BV-M53
HOST:	Rabbit
SPECIES REACTIVITY:	Human, Mouse, Rat
PURIFICATION:	Affinity purified rabbit IgA
FORMULATION:	Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.03% proclin
STORAGE CONDITIONS:	Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

DESCRIPTION: IL-10 (Interleukin-10), originally known as Cytokine Synthesis Inhibitory Factor (CSIF), is an 20.5 kDa protein containing 161-178 amino acid residues. IL10 is 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.

APPLICATION: Western blotting: 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot with IL-10 antibody in Jurkat cell lysate.

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