



IL-10 Mouse Monoclonal Antibody

E10-20011

Background: Interleukine 10 (IL-10) 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.

Catalog Number: E10-20011

Amount: 100µg/100µl

Clone Number: 1F3B3,3A6F11

Species: Mouse IgG2a

Aliases: 3C12C12

Entrez Gene: 3586

Immunogen: Purified recombinant fragment of human IL-10 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C

Formulation: Purified antibody in PBS containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000, ELISA.Propose dilution 1/10000.

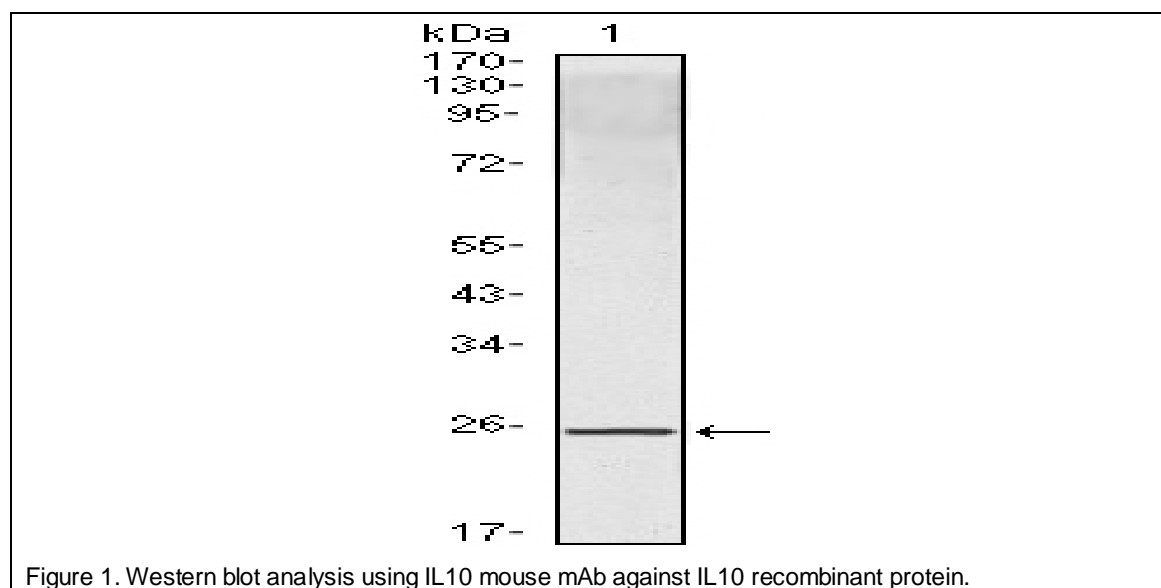


Figure 1. Western blot analysis using IL10 mouse mAb against IL10 recombinant protein.

For Research Use Only