

IL-10 (3-8) monoclonal antibody

Catalog: BS66505

Host: Mouse

Reactivity: Human,Rat,Mouse

BackGround:

The protein encoded by this gene 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. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Product:

Mouse IgG, 0.6mg/ml in PBS with 0.05% Proclin300, 50% glycerol, 0.2% BSA, pH7.2.

Molecular Weight:

~ 21 kDa

Swiss-Prot:

P22301

Purification&Purity:

The antibody was affinity-purified from cell culture supernatant by protein A+G and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000~1:2000

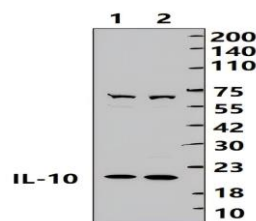
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

IL-10 (3-8) monoclonal antibody detects endogenous levels of IL-10 protein.

DATA:



Western blot (WB) analysis of IL-10 (3-8) monoclonal antibody at 1:1000 dilution

Lane1:THP-1 whole cell lysate(40ug)

Lane2:THP-1 treated with LPS (2ug/ml,6h), BFA(2ug/ml,3h) whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151