

**IL-12 (7-16) monoclonal antibody**

Catalog: BS66503

Host: Mouse

Reactivity: Human, Mouse

BackGround:

This gene encodes a subunit of interleukin 12, a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. Interleukin 12 is a disulfide-linked heterodimer composed of the 40 kD cytokine receptor like subunit encoded by this gene, and a 35 kD subunit encoded by IL12A. This cytokine is expressed by activated macrophages that serve as an essential inducer of Th1 cells development. This cytokine has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen. Overexpression of this gene was observed in the central nervous system of patients with multiple sclerosis (MS), suggesting a role of this cytokine in the pathogenesis of the disease. The promoter polymorphism of this gene has been reported to be associated with the severity of atopic and non-atopic asthma in children.

Product:

Mouse IgG, 1.2mg/ml in PBS with 0.05% Proclin300, 50% glycerol, pH7.2.

Molecular Weight:

~ 33 kDa

Swiss-Prot:

P29460

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: 1:2000~1:10000

Storage&Stability:

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

Specificity:

IL-12(7-16) polyclonal antibody detects endogenous levels of IL-12 protein.

DATA:

Western blot (WB) analysis of IL-12(7-16) monoclonal antibody at 1:2000 dilution

Lane1:RAW264.7 whole cell lysate(30ug)

Lane2:RAW264.7 treated with LPS(300ng/ml,6h) and

BFA(300ng/ml,3h) whole cell lysate(30ug)

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