

Anti-IL-6 Antibody [3-A4]

M1303-3



Product Type:	Mouse monoclonal IgG2b, primary antibodies
Species reactivity:	Mouse
Applications:	WB, IF-Cell, FC, ELISA
Molecular Wt:	Predicted band size: 24 kDa
Clone number:	3-A4

Description: Interleukin 6 (IL-6) is a potent pleiotropic cytokine that regulates cell growth and differentiation of various tissues, and is known particularly for its role in the immune response and acute phase reactions. IL-6 is a cytokine with a wide variety of biological functions and belongs to the IL-6 superfamily. IL-6 is a potent inducer of the acute phase response and plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. This antibody can recognize mouse interleukin 6, which is a matched antibody-pair with product cat # M1303-1.

Immunogen: Recombinant protein within Mouse IL-6 aa 1-211 / 211.

Positive control: Bioactive mouse IL-6 protein.

Subcellular location: Secreted.

Database links: SwissProt: P08505 Mouse

Recommended Dilutions:

WB	1:10,000
ELISA	1:1,000-1:10,000
FC	1:1,000
IF-Cell	1:50-1:200

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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www.huabio.cn

Images

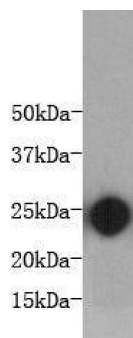


Fig1: Western blot analysis on bioactive mouse IL-6 protein using anti-IL-6 Mouse mAb (Cat. # M1303-3).

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. "The murine IL-6 gene maps to the proximal region of chromosome 5."Mock B.A., Nordan R.P., Justice M.J., Kozak C., Jenkins N.A., Copeland N.G., Clark S.C., Wong G.G., Rudikoff S.J. Immunol. 142:1372-1376(1989)
2. "Genomic structure of the murine IL-6 gene. High degree conservation of potential regulatory sequences between mouse and human."Tanabe O., Akira S., Kamiya T., Wong G.G., Hirano T., Kishimoto T.J. Immunol. 141:3875-3881(1988)

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