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IL10 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant IL10.
Catalog # AT2500a

Specification

IL10 Antibody (monoclonal) (M03) - Product Information

Application	**WB**
Primary Accession	P22301
Other Accession	NM_000572
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG3 Kappa**
Calculated MW	**20517**

IL10 Antibody (monoclonal) (M03) - Additional Information

Gene ID 3586

Other Names
Interleukin-10, IL-10, Cytokine synthesis inhibitory factor, CSIF, IL10

Target/Specificity
IL10 (AAI04253.1, 74 a.a. ~ 178 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
IL10 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

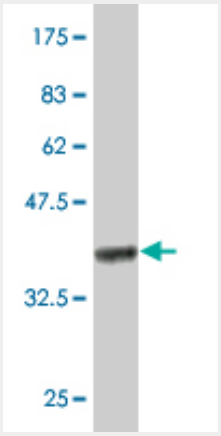
IL10 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

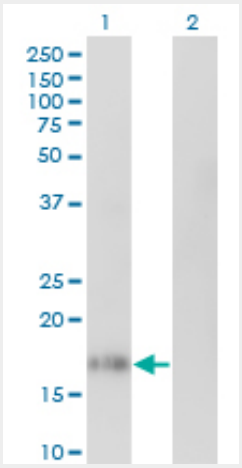
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IL10 Antibody (monoclonal) (M03) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.29 KDa) .



Western Blot analysis of IL10 expression in transfected 293T cell line by IL10 monoclonal antibody (M03), clone 1C10.

Lane 1: IL10 transfected lysate(20.5 KDa).
Lane 2: Non-transfected lysate.

IL10 Antibody (monoclonal) (M03) - 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.

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Association of Interleukin-10 Polymorphisms with Cytokines in Type 2 Diabetic Nephropathy. Kung WJ, et al. Diabetes Technol Ther, 2010 Sep 1. PMID 20809684.Interleukin-10 microsatellite variants and the risk of acute coronary syndrome among Tunisians. Ben-Hadj-Khalifa-Kechiche S, et al. Int J Immunogenet, 2010 Aug 29. PMID 20807264.Intereleukin-10 promoter polymorphism in mild cognitive impairment and in its clinical evolution. Arosio B, et al. Int J Alzheimers Dis, 2010 Jul 20. PMID 20798845.The associations between two polymorphisms in the interleukin-10 gene promoter and breast cancer risk. Yu KD, et al. Breast Cancer Res Treat, 2010 Aug 25. PMID 20737205.Association of genetic polymorphisms in the interleukin-10 promoter with risk of prostate cancer in Chinese. Liu J, et al. BMC Cancer, 2010 Aug 24. PMID 20735825.