



Mouse IL-10 Matched Antibody Pair Set [ABP-S-02935]

Cat. No.: ABP-S-02935

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Antigen Detail

Target	IL-10
Description	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.[provided by RefSeq, May 2011]
Species Reactivity	Mouse

Capture Antibody

Capture Clonality	Monoclonal
Host Species	Rabbit
Clone	IV01303
Isotype	IgG
Purification	Affinity Chromatography
Buffer	PBS, pH 7.4, containing 0.1% Proclin 300
Application	ELISA

Detection Antibody

Det-Clonality	Monoclonal
Host Species	Rabbit

Conjugation	Unconjugated
Clone	RD1056
Isotype	IgG
Purification	Affinity Chromatography
Buffer	PBS, pH 7.4, BSA and Azide free

General Product Property

Product Overview	<p>Mouse IL-10 antibody pair set for sandwich ELISA use</p> <p>Capture Antibody: Monoclonal IgG</p> <p>Detection Antibody: Unconjugated-Rabbit Monoclonal IgG</p>
Specificity	Both the capture and the detection antibodies in this set react with Mouse IL-10 .
Research Area	Cardiovascular; Signal Transduction; Cancer
Application	ELISA
Application Notes	Optimal dilutions should be determined experimentally by the user.
Form	Liquid
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for short term. Aliquot and store at -20°C for long term storage.
Size	1 Set
Sample Type	Plasma; Serum; Cell Culture Supernatant
Usage Statement	Available for Research Use Only. Not for use in therapeutic or diagnostic applications.

Target Overview

Gene Symbol	IL10
Full Name	Interleukin 10
Background	<p>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.[provided by RefSeq, May 2011]</p>
Alternative Names	Interleukin 10