



11 Park Drive, Suite 12
Boston, MA 02215

Rat anti mouse IL-10

(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0044
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse recombinant IL-10
Ig Type:	Rat IgG1
Clone	AP-MAB0851
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	WB and Neutralizing

Description: IL-10 was originally described as Cytokine Synthesis Inhibitory Factor (CSIF) by virtue of its ability to inhibit cytokine production by Th1 clones. IL-10 shares over 80% sequence homology with the Epstein-Barr virus protein BCRF1. The biological activities of IL-10 include inhibition of macrophage-mediated cytokine synthesis, suppression of the delayed type hypersensitivity response, and stimulation of the Th2 cell response, which results in elevated antibody production.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Mouse recombinant IL-10**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** **Extremely low level of LPS (< 0.002EU/μg IgG)**

Application(s):

- 1. FC and IP**
- 2. Neutralizing the bioactivity of natural or recombinant IL-10**

*** The antibody is produced by in vitro culture.**

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