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Anti-murine IL-10

Description: Produced in Sprague Dawley rats using highly pure (>98%) recombinant murine IL-10 as the immunizing antigen. This IgG_{2A} antibody was purified from cell culture by Protein G affinity chromatography.

Host species	Rat
Antigen:	Recombinant murine IL-10
Purification:	Protein G chromatography
Stabilizer:	none
Buffer:	PBS, pH 7.2
Formulation:	lyophilized

Reconstitution: Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability: The lyophilized antibody is stable for at least 2 years from date of receipt at -20⁰C. The reconstituted antibody is stable for at least two weeks at 2-8⁰C. Frozen aliquots are stable for at least 6 months when stored at -20⁰C. **Avoid repeated freeze-thaw cycles.**

Applications

Neutralization: To yield one-half maximal inhibition [ND₅₀] of the biological activity of mIL-10 (0.5 µg/ml), a concentration of 3.0-5.0 µg/ml of this antibody is required.

ELISA: In a sandwich ELISA (assuming 100µl/well), a concentration of 4.0-8.0 µg/ml of this antibody will detect at least 1600 pg/ml of recombinant murine IL-10 when used in conjunction with compatible secondary reagents.

Western Blot: To detect mIL-10 by Western Blot analysis this antibody can be used at a concentration of 1.0-2.0 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant mIL-10 is 2.0-4.0 ng/lane, under reducing or non-reducing conditions.

Usage: Anti-murine IL-10 is offered for research use. Not for drug use. **Not for human use!**

Catalogue number: 103-M202

Size: 500 µg

****Please note: always centrifuge product before opening vial.****