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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<sub>2A</sub> antibody was purified from cell culture by Protein G affinity chromatography.

<b>Host species</b>	Rat
<b>Antigen:</b>	Recombinant murine IL-10
<b>Purification:</b>	Protein G chromatography
<b>Stabilizer:</b>	none
<b>Buffer:</b>	PBS, pH 7.2
<b>Formulation:</b>	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 -20<sup>0</sup>C. The reconstituted antibody is stable for at least two weeks at 2-8<sup>0</sup>C. Frozen aliquots are stable for at least 6 months when stored at -20<sup>0</sup>C. **Avoid repeated freeze-thaw cycles.**

### Applications

**Neutralization:** To yield one-half maximal inhibition [ND<sub>50</sub>] 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.\*\***