Anti-Murine IL-10 Antibody
Catalog # ABG10195

Specification

Anti-Murine IL-10 Antibody - Product Information

Application	**WB, E**
Reactivity	**Mouse**
Host	**Rat**
Clonality	**Monoclonal**

Anti-Murine IL-10 Antibody - Additional Information

Preparation
Produced in Sprague Dawley rats using highly pure (>98%) recombinant murine IL-10 as the immunizing antigen. This IgG2$_A$ antibody was purified from cell culture by Protein G affinity chromatography.

WesternBlot
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.

Sandwich
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 with BioGems' biotinylated antigen affinity purified anti-murine IL-10 (61-010BT) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml.

Neutralization
To yield one-half maximal inhibition **[ND$_{50}$]** of the biological activity of Murine IL-10 (0.5 ng/ml), a concentration of 3.0-5.0 µg/ml of this antibody is required.

Formulation
A sterile filtered antibody solution was lyophilized from PBS.

Reconstitution
Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
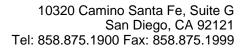
Storage
-20°C

Precautions
Anti-Murine IL-10 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Murine IL-10 Antibody - 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](#)

Anti-Murine IL-10 Antibody - Images