

**Anti-Murine IL-2 Antibody**  
**Catalog # ABG10256****Specification**

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**Anti-Murine IL-2 Antibody - Product Information**

Application	<b>WB, E</b>
Reactivity	<b>Mouse</b>
Host	<b>Rat</b>
Clonality	<b>Monoclonal</b>

**Anti-Murine IL-2 Antibody - Additional Information****Preparation**

Produced in Sprague Dawley rats using highly pure (>98%) recombinant murine IL-2 as the immunizing antigen. This IgG2A<sub>κ</sub> antibody was purified from cell culture by Protein A affinity chromatography.

**WesternBlot**

To detect mIL-2 by Western Blot analysis this antibody can be used at a concentration of 2.0-4.0 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant mIL-2 is 1.0-2.0 ng/lane, under reducing conditions and 0.2-0.4 ng/lane, under 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 32 pg/ml of recombinant murine IL-2 when used with BioGems's biotinylated antigen affinity purified anti-murine IL-2 (61-002BT) as the detection antibody at a concentration of at least 1.0-2.0 µg/ml.

**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-2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-Murine IL-2 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 Cytometry](#)
- [Cell Culture](#)

### **Anti-Murine IL-2 Antibody - Images**