

# **Biotinylated Anti-Rat IL-2 Antibody**

Catalog # ABG10254

# **Specification**

# Biotinylated Anti-Rat IL-2 Antibody - Product Information

Application WB, E
Reactivity Rat
Host Rabbit
Clonality Polyclonal

# Biotinylated Anti-Rat IL-2 Antibody - Additional Information

### **Preparation**

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant Rat IL-2. Anti-Rat IL-2 specific antibody was purified by affinity chromatography and then biotinylated.

#### WesternBlot

To detect Rat IL-2 by Western Blot analysis this antibody can be used at a concentration of 0.1 -  $0.2 \,\mu g/ml$ . Used in conjunction with compatible secondary reagents the detection limit for recombinant Rat IL-2 is 1.5 -  $3.0 \,ng/lane$ , under either reducing or non-reducing conditions.

### Sandwich

To detect Rat IL-2 by sandwich ELISA (using 100  $\mu$ l/well antibody solution) a concentration of 0.25 – 1.0  $\mu$ g/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with BioGems' Polyclonal Anti-Rat IL-2 (62-002P) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Rat IL-2.

#### Direct

To detect Rat IL-2 by direct ELISA (using 100  $\mu$ l/well antibody solution) a concentration of 0.25 – 1.0  $\mu$ g/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Rat IL-2.

## **Formulation**

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

### Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

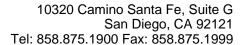
### Storage

-20°C

### **Precautions**

Biotinylated Anti-Rat IL-2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

# **Biotinylated Anti-Rat IL-2 Antibody - Protocols**





Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**Biotinylated Anti-Rat IL-2 Antibody - Images**