

**Anti-Rat IL-4 Antibody**  
**Catalog # ABG10281****Specification**

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**Anti-Rat IL-4 Antibody - Product Information**

|             |                   |
|-------------|-------------------|
| Application | <b>WB, E</b>      |
| Reactivity  | <b>Rat</b>        |
| Host        | <b>Rabbit</b>     |
| Clonality   | <b>Polyclonal</b> |

**Anti-Rat IL-4 Antibody - Additional Information****Preparation**

Produced from sera of rabbits pre-immunized with highly pure recombinant Rat IL-4. Anti-Rat IL-4 specific antibody was purified by affinity chromatography employing immobilized Rat IL-4 matrix.

**WesternBlot**

To detect Rat IL-4 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Rat IL-4 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

**Sandwich**

To detect Rat IL-4 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems's Biotinylated Anti-Rat IL-4 (62-004BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IL-4.

**Formulation**

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

**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-Rat IL-4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-Rat IL-4 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-Rat IL-4 Antibody - Images**