

# Anti-Rat IL-3β Antibody

Catalog # ABG10277

### **Specification**

# Anti-Rat IL-3ß Antibody - Product Information

Application WB, E
Reactivity Rat
Host Goat
Clonality Polyclonal

## Anti-Rat IL-3ß Antibody - Additional Information

## **Preparation**

Produced from sera of goats pre-immunized with highly pure (>98%) recombinant Rat IL-3 $\beta$ . Anti-Rat IL-3 $\beta$  specific antibody was purified by affinity chromatography employing immobilized Rat IL-3 $\beta$  matrix.

#### WesternBlot

To detect Rat IL-3 $\beta$  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-3 $\beta$  is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

## Sandwich

To detect Rat IL-3 $\beta$  by sandwich ELISA (using 100  $\mu$ l/well antibody solution) a concentration of 0.5 - 2.0  $\mu$ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Rat IL-3 $\beta$  (62-003BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IL-3 $\beta$ .

#### **Neutralization**

To yield one-half maximal inhibition [<strong>ND</strong><span style="font-size: 16px;"><sub>50</sub></span>] of the biological activity of Rat IL-3 $\beta$  (150 ng/ml), a concentration of  $0.68 - 1.03 \mu g/ml$  of this antibody is required.

## **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.

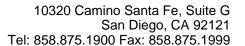
# Storage

-20°C

#### **Precautions**

Anti-Rat IL-3 $\beta$  Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### Anti-Rat IL-3ß Antibody - Protocols





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

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

Anti-Rat IL-3β Antibody - Images