

## **Biotinylated Anti-Murine IL-21 Antibody**

Catalog # ABG10263

### **Specification**

## Biotinylated Anti-Murine IL-21 Antibody - Product Information

Application WB, E
Reactivity Mouse
Host Rabbit
Clonality Polyclonal

Biotinylated Anti-Murine IL-21 Antibody - Additional Information

#### **Preparation**

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant mIL-21 (Murine Interleukin-21). Anti-Murine IL-21 specific antibody was purified by affinity chromatography and then biotinylated.

#### WesternBlot

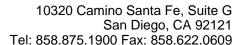
To detect mIL-21 by Western Blot analysis this antibody can be used at a concentration of 0.1 -  $0.2~\mu g/ml$ . Used in conjunction with compatible secondary reagents the detection limit for recombinant mIL-21 is 1.5 - 3.0~ng/lane, under either reducing or non-reducing conditions.

#### Sandwich

To detect mIL-21 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-Murine IL-21 (61-021P) as a capture antibody, allows the detection of at least 0.2 – 0.4  $\mu$ g/well of recombinant mIL-21.

#### **Direct**

To detect mIL-21 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 mIL-21.





### **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-Murine IL-21 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

# **Biotinylated Anti-Murine IL-21 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