

## Biotinylated Anti-Human TNF-α Antibody

Catalog # ABG10551

## **Specification**

Biotinylated Anti-Human TNF- $\alpha$  Antibody - Product Information

Application WB, E
Reactivity Human
Host Rabbit
Clonality Polyclonal

Biotinylated Anti-Human TNF- $\alpha$  Antibody - Additional Information

### **Preparation**

Produced from sera of rabbits pre-immunized with highly pure recombinant Human TNF- $\alpha$ . Anti-Human TNF- $\alpha$  specific antibody was purified by affinity chromatography and then biotinylated.

### WesternBlot

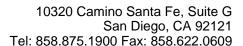
To detect Human TNF- $\alpha$  by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human TNF- $\alpha$  is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

#### Sandwich

To detect Human TNF- $\alpha$  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-Human TNF- $\alpha$  (60-325GP) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Human TNF- $\alpha$ .

#### **Direct**

To detect Human TNF- $\alpha$  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  $\mu$ g/well of





recombinant Human TNF-α.

## **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-Human TNF- $\alpha$  Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

# Biotinylated Anti-Human TNF- $\alpha$ 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 Cytomety
- Cell Culture