

## Biotinylated Anti-Human TGF-α Antibody

Catalog # ABG10539

## **Specification**

## Biotinylated Anti-Human TGF-α Antibody - Product Information

Application WB, E
Reactivity Human
Host Rabbit
Clonality Polyclonal

## Biotinylated Anti-Human TGF-α Antibody - Additional Information

#### **Preparation**

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

#### WesternBlot

To detect Human TGF- $\alpha$  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 TGF- $\alpha$  is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

### Sandwich

To detect Human TGF- $\alpha$  by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25 – 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with BioGems' Polyclonal Anti-Human TGF- $\alpha$  (60-309P) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Human TGF- $\alpha$ .

#### **Direct**

To detect Human TGF- $\alpha$  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 ng/well of recombinant Human TGF- $\alpha$ .

#### **Formulation**

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

#### Reconstitution

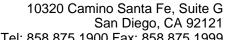
Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

### **Storage**

-20°C

## **Precautions**

Biotinylated Anti-Human TGF- $\alpha$  Antibody is for research use only and not for use in diagnostic or therapeutic procedures.



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# Biotinylated Anti-Human TGF-α 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>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Biotinylated Anti-Human TGF-α Antibody - Images