

**Biotinylated Anti-Human TIMP-1 Antibody**  
**Catalog # ABG10542****Specification**

---

**Biotinylated Anti-Human TIMP-1 Antibody - Product Information**

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

**Biotinylated Anti-Human TIMP-1 Antibody - Additional Information****Preparation**

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hTIMP-1 (human Tissue Inhibitor of Metalloproteinases-1). Anti-Human TIMP-1 specific antibody was purified by affinity chromatography and then biotinylated.

**WesternBlot**

To detect hTIMP-1 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hTIMP-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

**Sandwich**

To detect hTIMP-1 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's Polyclonal Anti-Human TIMP-1 (60-319P) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hTIMP-1.

**Direct**

To detect hTIMP-1 by direct 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 compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hTIMP-1.

**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 TIMP-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## **Biotinylated Anti-Human TIMP-1 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](#)

## **Biotinylated Anti-Human TIMP-1 Antibody - Images**