

Biotinylated Anti-Human TIMP-1 Antibody

Catalog # ABG10542

Specification

Biotinylated Anti-Human TIMP-1 Antibody - Product Information

Application WB, E
Reactivity Human
Host Rabbit
Clonality Polyclonal

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

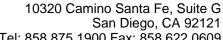
To detect hTIMP-1 by Western Blot analysis this antibody can be used at a concentration of 0.1 - $0.2~\mu g/ml$. Used in conjunction with compatible secondary reagents the detection limit for recombinant hTIMP-1 is 1.5 - 3.0~ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect hTIMP-1 by sandwich ELISA (using $100 \, \mu \text{I/well}$ antibody solution) a concentration of $0.25 - 1.0 \, \mu \text{g/ml}$ of this antibody is required. This biotinylated polyclonal antibody, in conjunction with BioGems' Polyclonal Anti-Human TIMP-1 (60-319P) as a capture antibody, allows the detection of at least $0.2 - 0.4 \, \text{ng/well}$ of recombinant hTIMP-1.

Direct

To detect hTIMP-1 by direct ELISA (using 100 μ l/well antibody solution) a concentration of 0.25 – 1.0 μ g/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the





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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
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture