

## PRODUCT INFORMATION SUMMARY

### Anti-Human-TIMP-1

Purified Antibody	Product Number	RHF714	0.1 mg
Biotin Conjugate	Product Number	RHF714B	50.0 ug

#### SPECIFICITY:

**Rabbit** polyclonal antibody specific for Human TIMP-1. These polyclonal antibodies were raised against highly purified recombinant human TIMP-1 immunogen.

**SOURCE:** **Rabbit** antiserum, Purified by Antigen-Affinity Chromatography, to produce highly specific, high titre preparation.

#### RESEARCH APPLICATIONS:

Development of quantitative immunoassays ; Western Blot;  
Identification of human TIMP in tissue sections, body fluids.

**NEUTRALIZING ACTIVITY:** Antibody concentration of 5.0 ug/mL achieved one-half maximal inhibition of 3.0 ug/mL of human TIMP-1.

**ELISA:** Antibody concentration of 1.0 ug/mL (100 uL per well) was used to detect 0.3 ng/well recombinant human TIMP-1. For **Biotin conjugate**, use at 0.25 - 0.5 ug/mL (optimize all concentrations).

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL used to detect 2.5 ng /lane of recombinant TIMP-1 under both reducing and non-reducing conditions.

#### HANDLING AND STORAGE:

Lyophilized, purified antibody upon reconstitution with 0.5 ml of distilled ( or sterile) water will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4. **For Biotin conjugate, reconstitute in 500 uL sterile water containing 0.1% BSA.** Lyophilized reagents should be stored at -20° C until reconstitution. For long-term storage, reagents should be stored frozen at -20 ° C, in small aliquots, at high concentration. Purified anti-TIMP-1 is provided free of stabilizing agents and preservatives to facilitate conjugation and immediate use in functional and immunological assays. AVOID repeat freeze-thaw.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

**RESEARCH USE ONLY NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**