

#### **International Office**

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# EB11201 - Goat Anti-TIMP1 (aa129-143) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** CLGI, collagenase inhibitor, EPA, EPO, erythroid potentiating activity, erythroid-potentiating activity, fibroblast collagenase inhibitor, FLJ90373, HCI, metalloproteinase inhibitor 1, OTTHUMP00000023216, TIMP, TIMP metallopeptidase inhibitor 1, TIMP-1, tissue inhibitor of metalloproteinases 1, TIMP1

Official Symbol: TIMP1

Accession Number(s): NP\_003245.1

Human GeneID(s): 7076

Non-Human GenelD(s): 116510 (rat)

## Immunogen

Peptide with sequence C-NSLSLAQRRGFTKTY, from the internal region of the protein sequence according to NP\_003245.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

**Western blot:** Approx 24kDa band observed in Human Kidney and Liver lysates (calculated MW of 23.2kDa according to NP\_003245.1). Recommended concentration: 0.1-0.3μg/ml.

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Dog,

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB11201 ( $0.1\mu g/ml$ ) staining of Human Kidney lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.