

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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, HCl, metalloproteinase inhibitor 1, OTTHUMP00000023216, TIMP, TIMP metalloproteinase 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 GeneID(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

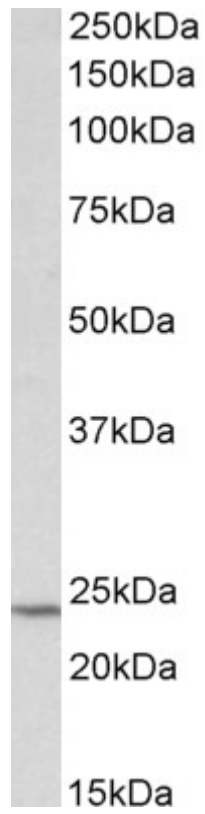
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**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,



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.