



Mouse Anti-TIMP1 antibody

SLM-43009M

Product Name TIMP1**Chinese Name** 金属蛋白酶组织抑制因子-1 单克隆抗体**Alias**

Clgi; Collagenase inhibitor; EPA; EPO; Erythroid Potentiating Activity; Fibroblast collagenase inhibitor; FLJ90373; HC; Human Collagenase Inhibitor; Metalloproteinase inhibitor 1; Metalloproteinase inhibitor 1 precursor; OTTHUMP00000023214; TIMP 1; TIMP; TIMP metalloproteinase inhibitor 1; TIMP1 protein; Tissue Inhibitor of Metalloproteinase 1; Tissue inhibitor of metalloproteinases; Tissue inhibitor of metalloproteinase 1 erythroid potentiating activity collagenase inhibitor.

Research Area

Tumour Cell biology Neurobiology Apoptosis Growth factors and hormones Kinases and Phosphatases Synthesis and Degradation

Immunogen Species

Mouse

Clonality

Monoclonal

React Species

Human

Applications

IHC-P=1:50-200,IHC-F=1:50-200,IF=1:50-200

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight

21kDa

Cellular localization

Secretory protein

Form

Liquid

Concentration

1mg/ml

immunogen

Recombinant human TIMP1 protein: 24-207/207

Lsotype

IgG

Purification

affinity purified by Protein A

Buffer Solution

1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage

Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

[PubMed](#)

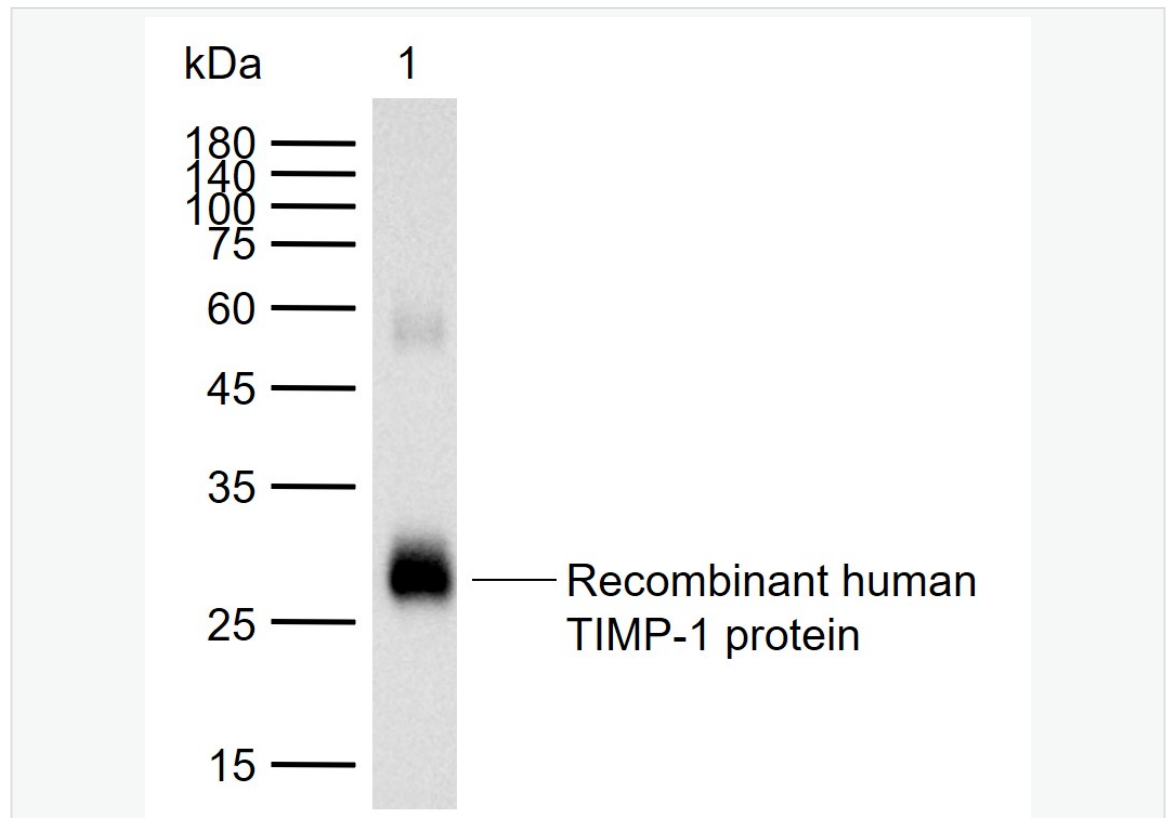
This gene belongs to the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic in human females. This gene is located within intron 6 of the synapsin I gene and is transcribed in the opposite direction. [provided by RefSeq].

Product Detail

SWISS:
P01033

Gene ID:
7076

Product Picture



Sample:

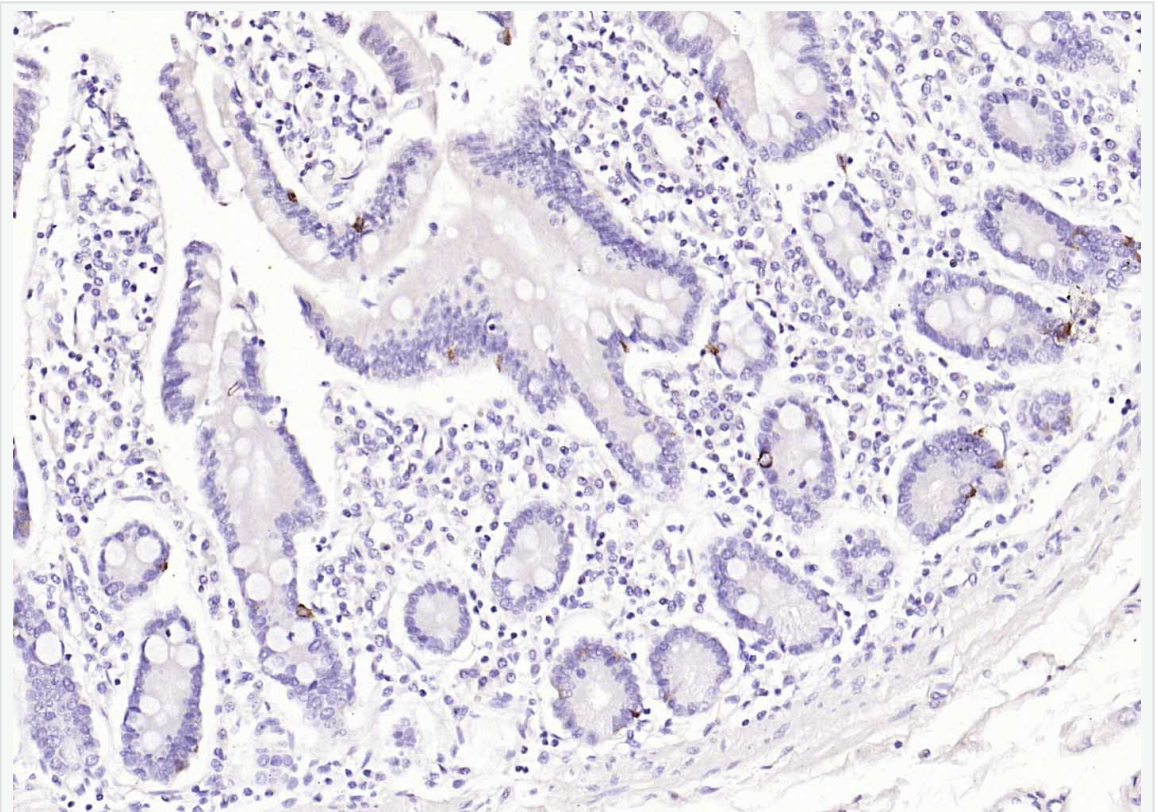
Lane 1: Recombinant human TIMP-1 protein, His (HEK293)(SL43009P)

Primary: Anti-TIMP1 (SLM-43009M) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution

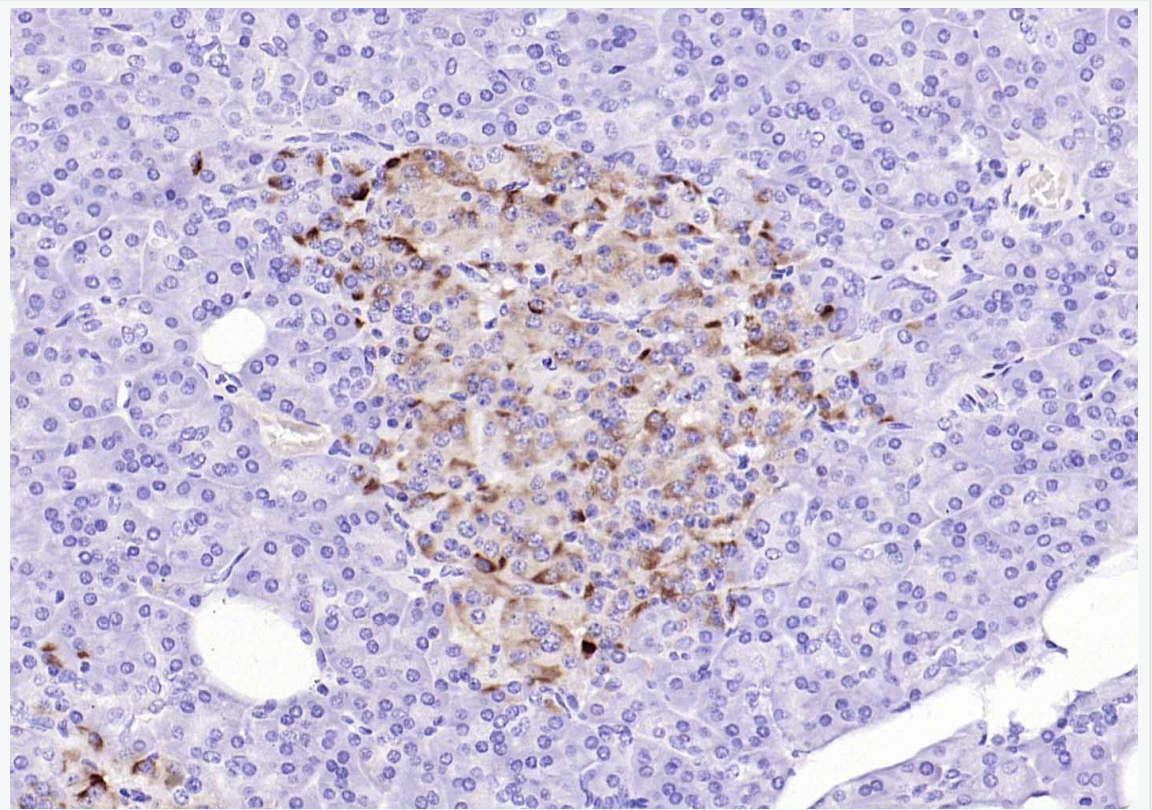
Predicted band size: 21 kDa

Observed band size: 28 kDa

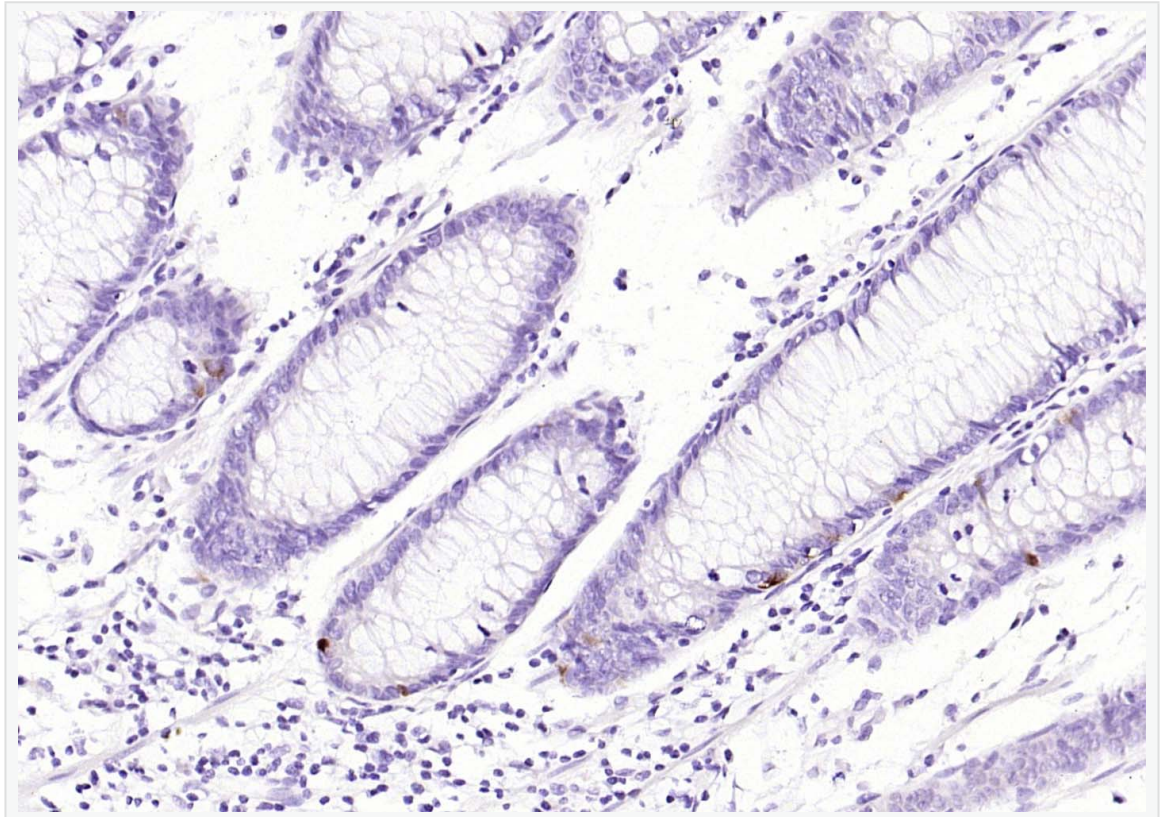


Paraformaldehyde-fixed, paraffin embedded (Human duodenum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TIMP1) Monoclonal Antibody, Unconjugated (SLM-43009M) at 1:200 overnight at 4°C, followed by operating according to SP

Kit(Mouse)(sp-0024) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TIMP1) Monoclonal Antibody, Unconjugated (SLM-43009M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TIMP1) Monoclonal Antibody, Unconjugated (SLM-43009M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.