

Product Datasheet

TIMP1 Antibody

Catalog No: CY3822

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P01033

All Names: CLGI; Collagenase inhibitor; EPA; EPO; erythroid potentiating activity; Erythroid-potentiating activity; Fibroblast collagenase inhibitor; FLJ90373; HCl; Metalloproteinase inhibitor 1; TIMP; TIMP metalloproteinase inhibitor 1; TIMP-1; TIMP1; tissue inhibitor

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

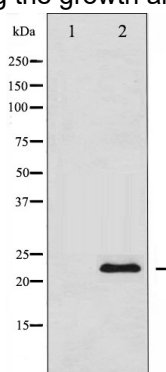
Molecular Wt.: 24kDa

Application

WB 1:500-1:2000

Background

TIMP1 Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Also mediates erythropoiesis in vitro; but, unlike IL-3, it is species-specific, stimulating the growth and differentiation of erythroid progenitors.



Western blot analysis of TIMP1 expression in 293 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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