

Product Datasheet

TIMP1 Antibody



Catalog No: CY6616

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC

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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;

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.: 26 kDa

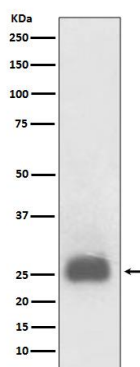
Application

WB 1:500~1:1000

IHC 1:50~1:200

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 only human and murine erythroid progenitors. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-11, MMP-12, MMP-13 and MMP-16.



Western blot analysis of TIMP1 expression in HL60 cell lysate treated with TPA.

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