

TIMP-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250883

Unit: 0.1 mg

Description:

Tissue inhibitor of metalloproteinases 1 (TIMP-1) binds to metalloproteinases such as collagenases and irreversibly inactivates the proteases. TIMP-1 is known to bind to MMP-1, -2, -3, -7, -8, -9, -10, -11, -12, -13, and -16, but not MMP-14.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, D, H, M, P, R, Sh

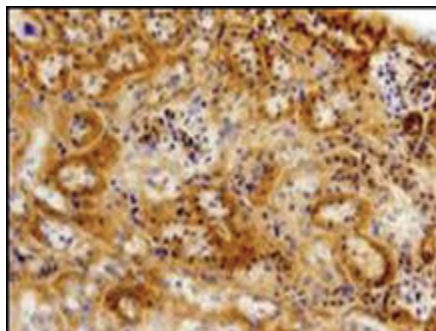
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Metalloproteinase inhibitor 1; Tissue inhibitor of metalloproteinases; TIMP-1; Erythroid-potentiating activity; EPA; Fibroblast collagenase inhibitor; TIMP1; CLGI; TIMP

Accession No.: P01033

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human TIMP-1.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



TIMP-1 staining in diabetic mouse kidney. Acetone-fixed frozen kidney tissue from diabetic KK-Ay/Ta Jcl mice is stained with TIMP-1 Antibody (Cat. No. 250883) used at 1:200 dilution (from Furukawa, M et al. 2013).

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1]Periassamy S et al. 2014. J Nutr Bioche25(3):337-344. PMID# 24445078. [2] Periasamy S et al. 2013 Journal of Parenteral and Enteral Nutrition. 37(4): 529-537. PMID# 22821006. [3] Furukawa M et al. 2013. International Journal of Nephrology. 2013. ID# 519131. 10 pages. [4] Periasamy S et al. 2011. Cell Biochem And Biophys. 61(2):327-336. PMID# 21681587. [5] Pitteri S et al. Cancer Research. 2011. 71(15):5090-5100. PMID# 21653680.

For research use only, not for diagnostic or therapeutic procedures.