



rabbit anti-human TIMP-2 IgG

Product No. 3824

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Description

Polyclonal antibody directed against human Tissue Inhibitor of Matrix metalloproteinase-2 (TIMP-2). Rabbits were immunized with purified native human TIMP-2. IgG was purified from rabbit serum by precipitation and chromatography. This polyclonal antibody reacts with both recombinant and native human TIMP-2.

Presentation

Screw capped clear glass vial containing 1 mg of purified IgG, lyophilized from a buffer of 0.15 M PBS, pH 7.4 with 100 mM mannitol added as an excipient.

Reconstitution

Add 1 ml of filtered deionized water to generate a 1 mg/ml stock solution.

Storage and Stability

Store the vial of lyophilized IgG at 2°-8°C. Reconstituted IgG may be aliquoted and stored frozen at -20°C or colder. It is recommended to avoid freeze-thaw cycles.

Applications

A. Western blot

References

1. Tissue inhibitor of metalloproteinase (TIMP)-2 acts synergistically with synthetic matrix metalloproteinase (MMP) inhibitors but not with TIMP-4 to enhance the (Membrane type 1)-MMP-dependent activation of pro-MMP-2. Toth M, Bernardo MM, Gervasi DC, Soloway PD, Wang Z, Bigg HF, Overall CM, DeClerck YA, Tschesche H, Cher ML, Brown S, Mobashery S, Fridman R. J Biol Chem 2000, Dec 29;275(52):41415-41423.
2. Timp-2 acts synergistically with synthetic MMP inhibitors but not with TIMP-4 to enhance the MT1-MMP-dependent activation of Pro-MMP-2. M. Toth, M.M. Bernardo, D.C. Gervasi, P.D. Soloway, Z. Wang, H.F. Bigg, C.M. Overall, Y.A. DeClerk, H. Tschesche, M.L. Cher, S. Brown, S.Mobashery & F. Fridman. J Biol Chem 2000, 275, 41415-41423.