



rabbit anti-human latent MMP-8 IgG

Product No. 3808

american diagnostica inc.

500 West Avenue • Stamford, CT 06902
Tel: (203) 602-7777 Fax: (203) 602-2221

Description

Polyclonal antibody directed against human Matrix metalloproteinase 8 (MMP-8, PMNL collagenase, leucocyte collagenase, neutrophil collagenase, collagenase-2), latent form. Rabbits were immunized with purified native, isolated protein. IgG was purified from rabbit serum by precipitation and chromatography. This polyclonal antibody reacts with both recombinant and native human MMP-8 protein.

Presentation

Screw capped clear glass vial containing 1 mg of purified IgG, lyophilized from a buffer of 0.15M 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. ELISA
- B. Westernblot
- C. Immunohistochemistry (frozen and paraffin embedded sections)

References

1. Distribution of extracellular matrix proteins in pterygia: an immunohistochemical study. Naib-Majani W, Eltohami I, Wernert N, Watts W, Tschesche H, Pleyer U, Breipohl W. Graefes Arch Clin Exp Ophthalmol. 2004 Apr;242(4):332-338.
2. Matrix metalloproteinase-8 is expressed in rheumatoid synovial fibroblasts and endothelial cells R. Hanemaaijer, R. Sorsa, Y.T. Konttinen, Y. Ding, M. Sutinen, H. Visser, V.W.M. van Hinsbergh, T. Helaakoski, T. Kainulainen, H. Rönka, H. Tschesche & T. Salo. J Biol Chem 1997, 272, 31504-31509.
3. Determination of metalloproteinases, plasminogen-activators and their inhibitors in the synovial fluids of patients with rheumatoid arthritis during chemical synoviorthesis. J. Bläser, S. Triebel, U. Maasjosthusmann, J. Römisch, U. Krahl-Mateblowski, W. Freudenberg, R. Fricke & H. Tschesche. Clin Chim Acta 1996, 244, 17-33.
4. Assay of matrix metalloproteases types 8 and 9 by ELISA in human breast cancer. M.J. Duffy, J. Bläser, C. Duggan, E. McDermott, N.O. Higgins, J.J. Fennelly & H. Tschesche. Brit J Can 1995, 71, 1025-1028.
5. Serum collagenase levels during pregnancy and parturition. R. Osmers, M. A. Pflanz, W. Rath, M. Szeverényi, V. Süwer, H. Tschesche, I. Walter, I. Wölker and W. Kuhn. Eur.J. Obstet. Gynecol Reprod Biol 1994; 53, 55-57.
6. Enzyme Linked Immunosorbent Assays (ELISA) for the Quantitative Determination of Human Leukocyte Collagenase and Gelatinase. U. Bergmann, J. Michaelis, R. Oberhoff, V. Knäuper, R. Beckmann and H. Tschesche. J Clin Chem Clin Biochem 1989; 27, 351-359,

