



## rabbit anti-human latent MMP-9 IgG

**Product No. 3809**

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### Description

Polyclonal antibody directed against human Matrix metalloproteinase 9 (MMP-9, 92 kDa gelatinase), 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. Immunohistochemistry

### 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. 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.
3. Assay of matrix metalloproteases types 8 and 9 by ELISA in human breast cancer. Duffy MJ, Blaser J, Duggan C, McDermott E, O'Higgins N, Fennelly JJ, Tschesche H. Br J Cancer. 1995 May;71(5):1025-1028.
4. 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, 351-159.