

Biotin Conjugated Anti-Human MMP-8 Antibody [PSH03-34]

HA722624B



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human
Applications:	ELISA(Det)
Molecular Wt:	Predicted band size: 53.4 kDa
Clone number:	PSH03-34

Description: This gene encodes a member of the matrix metalloproteinase (MMP) family of proteins. These proteins are involved in the breakdown of extracellular matrix in embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Proteolysis at different sites on this protein results in multiple active forms of the enzyme with distinct N-termini. This protein functions in the degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Alternative splicing results in multiple transcript variants.

Conjugate: Biotin-conjugated

Immunogen: Recombinant protein within Human MMP8 aa 21-467 (P22894).

Positive control: Recombinant human MMP8 protein (HA210646).

Subcellular location: Secreted

Database links: SwissProt: P22894 Human

Recommended Dilutions:

ELISA(Det) Use at an assay dependent concentration. Can be paired for Sandwich ELISA with Rabbit monoclonal [PSH03-33] to Human MMP8 (Capture) (HA721978) and recombinant standard Human MMP8 (HA210646) as the standard. The reference range value is 20.6-5000 pg/ml.

Storage Buffer: PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% ProClin300.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

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No Images

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Zhao Y., Zhang Q., Zhang X., Zhang Y., Lu Y., Ma X., Li W., Niu X., Zhang G., Tian Y. The roles of MMP8/MMP10 polymorphisms in ischemic stroke susceptibility. *Brain Behav* 12:e2797-e2797 (2022)
2. Maghajothi S., Subramanian L., Mani P., Singh M., Iyer D.R., Sharma S., Khullar M., Victor S.M., Asthana S., Mahapatra N.R. A common Matrix metalloproteinase 8 promoter haplotype enhances the risk for hypertension via diminished interactions with nuclear factor kappa B. *J Hypertens* 40:2147-2160 (2022)

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