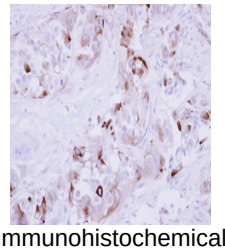
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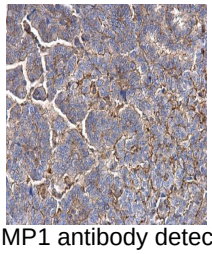
Product Datasheet

MMP1 antibody
GRP10

Description	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes a secreted enzyme which breaks down the interstitial collagens, types I, II, and III. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Alternative splicing results in multiple transcript variants.[provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human, Mouse
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-P, WB
Immunogen	Recombinant protein encompassing a sequence within the cente region of human MMP1. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.46 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	**P03956**
Entrez	**4312**
Dilution Range	WB: 1:500-1:3000,IHC-P: 1:100-1:1000



Immunohistochemical analysis of paraffin-embedded human breast cancer, using MMP1(GRP462) antibody at 1:250 dilution.



MMP1 antibody detects MMP1 protein at secreted on human endometrial carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human endometrial carcinoma. MMP1 antibody (GRP462) dilution: 1:500.