

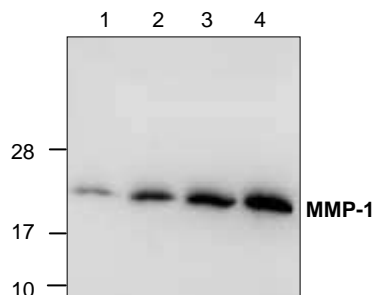
MMP-1 Polyclonal Antibody

CATALOG NO:	5781-30T 30 µg (Trial size) 5781-100 100 µg
CONCENTRATION:	0.5 mg/ml
IMMUNOGEN:	<i>E. coli</i> -expressed recombinant human MMP-1 (Cat.No.7781-10)
INTERNAL ID:	BV-G53
HOST:	Rabbit
SPECIES REACTIVITY:	Human
PURIFICATION:	Affinity purified rabbit IgG
FORMULATION:	Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.
STORAGE CONDITIONS:	Store at -20° C. For long term storage, aliquot and freeze at -70° C. Avoid repeated freeze/thaw cycles.

DESCRIPTION: Matrix metalloproteinases (MMPs) are zinc-dependent endopeptidases that degrade substances within the extracellular matrix. The MMP family includes six different groups of enzymes: collagenases, gelatinases, stromelysins, transmembrane MMPs, matrilysins and others. MMPs are secreted as proenzymes that have to be cleaved in order to be activated. Other MMPs, plasmins as well as other factors activate MMPs. MMPs are thought to play an important role in tissue remodeling associated with various physiological and pathological processes. MMP1 cleaves collagens of types I, II, III, VII and X. MMP1 is thought to play an important role in rheumatoid and osteo-arthritis pathogenesis as mediators of cartilage and bone destruction.

APPLICATION: Western blotting: 0.5-4 µg/ml.

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of MMP-1 using recombinant human MMP-1

Lane 1: 20 ng
Lane 2: 50 ng
Lane 3: 100 ng
Lane 4: 200 ng

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