

Anti-MMP-10 antibody



Description	Rabbit polyclonal to MMP-10.
Model	STJ94158
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human MMP-10
Immunogen Region	330-410 aa, C-terminal
Gene ID	4319
Gene Symbol	MMP10
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000
Specificity	MMP-10 Polyclonal Antibody detects endogenous levels of MMP-10 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Stromelysin-2 SL-2 Matrix metalloproteinase-10 MMP-10 Transin-2
Molecular Weight	43 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7156OMIM:185260
Alternative Names	Stromelysin-2 SL-2 Matrix metalloproteinase-10 MMP-10 Transin-2
Function	Can degrade fibronectin, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. Activates procollagenase.
Sequence and Domain Family	The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.
Cellular Localization	Secreted, extracellular space, extracellular matrix

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