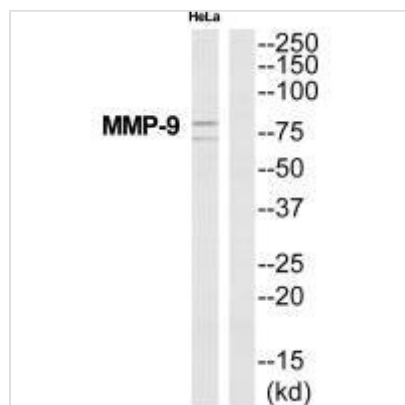


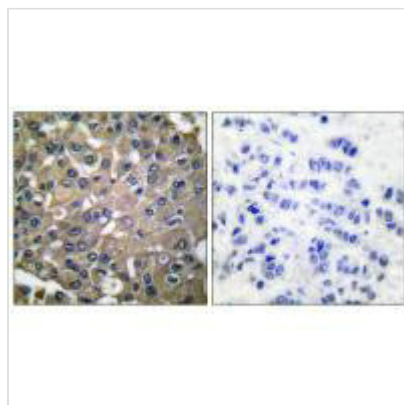


MMP9 Antibody

Product Code	CSB-PA142806
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P14780
Immunogen	Synthesized peptide derived from Human MMP-9.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total MMP-9 protein.
Tested Applications	ELISA, WB, IHC; WB: 1:500-1:3000, IHC: 1:50-1:100
Relevance	May play an essential role in local proteolysis of the extracellular matrix and in leukocyte migration. Could play a role in bone osteoclastic resorption. Cleaves KiSS1 at a Gly-I-Leu bond. Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments. Degrades fibronectin but not laminin or Pz-peptide. Martin Illemann, Mol. Cancer Res., May 2006; 4: 293 - 302. Noemi Ramos-DeSimone, J. Biol. Chem., May 1999; 274: 13066. Vandana Iyer, J. Cell Sci., Mar 2005; 118: 1185 - 1195. Jon R. Backstrom, J. Neurosci., Dec 1996; 16: 7910.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	92 kDa gelatinase; 92 kDa type IV collagenase precursor; CLG4B; GELB; Gelatinase B
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MMP9
Image	



Western blot analysis of extracts from HeLa cells, using MMP-9 antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MMP-9 antibody.