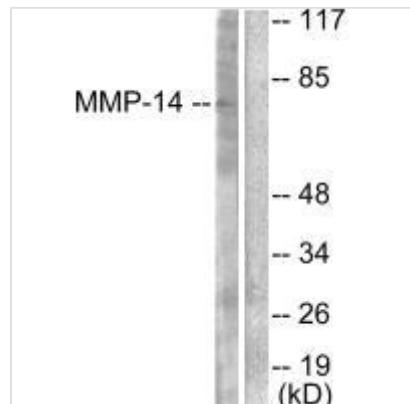


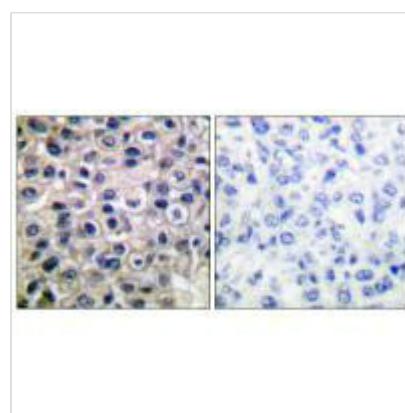


MMP14 Antibody

Product Code	CSB-PA897896
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P50281
Immunogen	Synthesized peptide derived from Human MMP-14.
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Specificity	The antibody detects endogenous levels of total MMP-14 protein.
Tested Applications	ELISA, WB, IHC; WB: 1:500-1:3000, IHC: 1:50-1:100
Relevance	Seems to specifically activate progelatinase A. May thus trigger invasion by tumor cells by activating progelatinase A on the tumor cell surface. May be involved in actin cytoskeleton reorganization by cleaving PTK7. Acts as a positive regulator of cell growth and migration via activation of MMP15. Involved in the formation of the fibrovascular tissues in association with pro-MMP2.
	Bimal K. Ray, Circ. Res., Nov 2004; 95: 1082 - 1090. Sharon Elliot, Invest. Ophthalmol. Vis. Sci., Apr 2006; 47: 1696 - 1702. Hongqing Q. Ye, Invest. Ophthalmol. Vis. Sci., Sep 2000; 41: 2894. Leanne J. Bakke, Biol Reprod., Jun 2002; 66: 1627.
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	MT1-MMP; MATRIX METALLOPROTEINASE 14; MEMBRANE-TYPE; MEMBRANE-TYPE MATRIX METALLOPROTEINASE 1; matrix metalloproteinase 14 (membrane-inserted).
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MMP14
Image	



Western blot analysis of extracts from NIH/3T3 cells, using MMP-14 antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MMP-14 antibody.