

MMP-9 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05490
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MMP-9. AA range:651-700
Mol wt	53412
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	MMP-9 Antibody
Synonyms	MMP9; CLG4B; Matrix metalloproteinase-9; MMP-9; 92 kDa gelatinase; 92 kDa type IV collagenase; Gelatinase B; GELB

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MMP8 encodes a member of the matrix metalloproteinase (MMP) family of proteins. These proteins are involved in the breakdown of extracellular matrix in embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Proteolysis at different sites on this protein results in multiple active forms of the enzyme with distinct N-termini. This protein functions in the degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22. Alternative splicing results in multiple transcript variants.

Recommended Dilution

WB: 1: 500 - 1: 2000

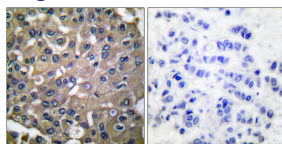
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

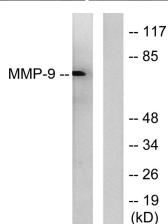
ELISA: 1: 20000

Not yet tested in other applications.

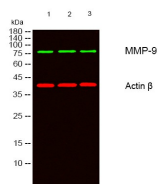
Images



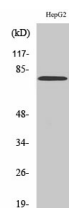
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MMP-9 Antibody. The picture on the right is blocked with the synthesized peptide.



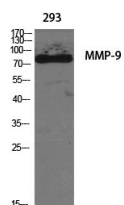
Western blot analysis of lysates from HepG2 cells, using MMP-9 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of HepG2 cells using MMP-9 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of various cells using MMP-9 Polyclonal Antibody diluted at 1:1000



Storage

-20°C for one year

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