Product Data Sheet:
MMP9 Rabbit Polyclonal Antibody

Cat. No:	AB-84739
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-707 of human MMP9
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500-1:1000 - Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50-1:200
Molecular Weight:	92KDa
Purification:	Affinity purification
Synonyms:	MMP9;CLG4B;GELB;MANDP2;MMP-9
Background:	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20℃. Avoid freeze / thaw cycles.

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