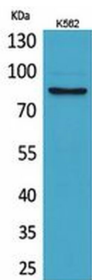
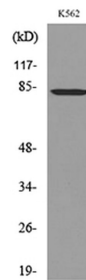


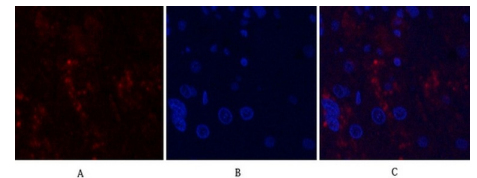
Cat. No:	AB-84351
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Synthesized peptide derived from human MMP-9.
Reactivity:	Hu
Applications:	Western Blot: 1:500 - 1:2000. Immunofluorescence: 1:50-200 Immunohistochemistry(paraffin-embedded tissues): 1:100-1:300. ELISA: 1:20000
Molecular Weight:	80kDa
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen.
Background:	Matrix metalloproteinase 9(MMP9) Homo sapiens 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:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at-20°C, and avoid repeat freeze-thaw cycles.



Western Blot analysis of K562 cells using MMP-9 Polyclonal Antibody. Antibody was diluted at 1:500. Secondary Antibody was diluted at 1:20000

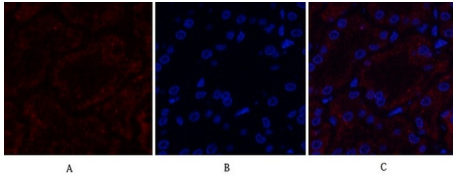


Western blot analysis of lysate from K562 cells, using MMP9 Antibody.



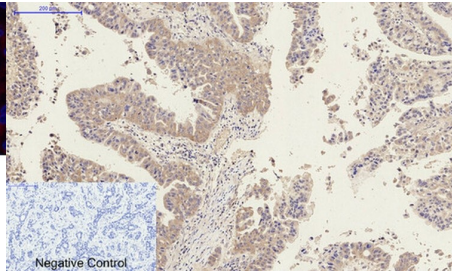
Immunofluorescence analysis of human-liver tissue.

- 1, MMP-9 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight).
 - 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min).
 - 3, Picture B: DAPI (blue) 10min.
- Picture A: Target.
Picture B: DAPI.



Immunofluorescence analysis of human-kidney tissue.

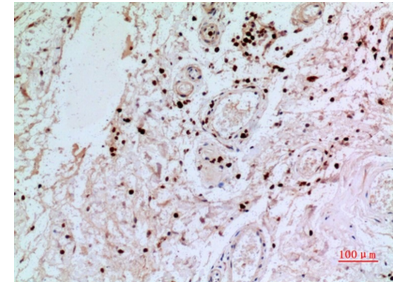
- 1, MMP-9 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight).
 - 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50 min).
 - 3, Picture B: DAPI (blue) 10 min.
- Picture A: Target. Picture B: DAPI.
Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Human-liver cancer tissue.

- 1, MMP-9 Polyclonal Antibody was diluted at 1:200 (4°C, overnight).
 - 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20 min).
 - 3, Secondary antibody was diluted at 1:200 (room temperature, 30 min).
- Negative control was used by secondary antibody only.

Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded human colon, antibody was diluted at 1:100