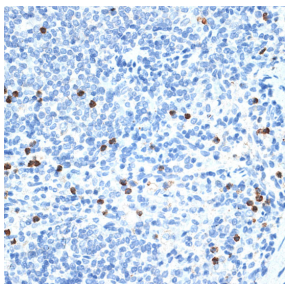
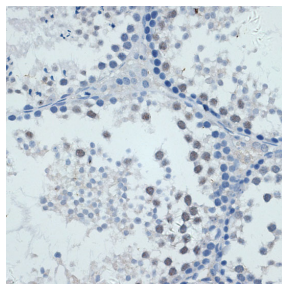


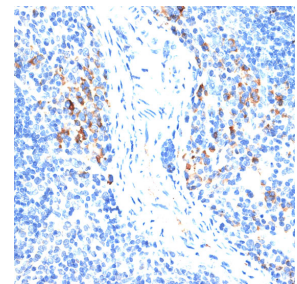
Cat. No:	AB-84739
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-707 of human MMP9
Reactivity:	Mouse, Rat
Applications:	Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 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°C. Avoid freeze / thaw cycles.



Immunohistochemistry of paraffinembedded rat spleen using MMP9 antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining



Immunohistochemistry of paraffinembedded mouse testis using MMP9 antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining

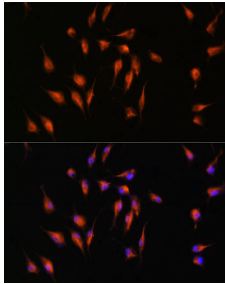


Immunohistochemistry of paraffinembedded mouse spleen using MMP9 antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining

protocol.

protocol.

protocol.



Immunofluorescence analysis of L929 cells using MMP9 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

References:

Product:MMP9 Rabbit pAb
Journal:Molecular cancer
Application:WB
IF:27.401
Species:Mus musculus
PMID:[31122259](#)
Title:miR-301a promotes lung tumorigenesis by suppressing Runx3.

References:

Product:MMP9 Rabbit pAb
Journal:Evidence-based Complementary and Alternative Medicine
Application:WB
IF:2.629
Species:Rattus norvegicus
PMID:[30050588](#)
Title:Flavonoid Extract from Propolis Inhibits Cardiac Fibrosis Triggered by Myocardial Infarction through Upregulation of SIRT1.

References:

Product:MMP9 Rabbit pAb
Journal:Aging-us
Application:WB
IF:5.682
Species:Mus musculus
PMID:[31844033](#)
Title:Reduced miR-203 predicts metastasis and poor survival in esophageal carcinoma.

References:

Product:MMP9 Rabbit pAb
Journal:Int J Mol Sci

Application:WB

IF:5.923

Species:Mus musculus

PMID:[33080936](#)

Title: Multiple-Purpose Connectivity Map Analysis Reveals the Benefits of Esculetin to Hyperuricemia and Renal Fibrosis

**For Research use only
IMMUNOLOGICAL SCIENCES**