Product Name: MMP8 (4B14) Rabbit Monoclonal Antibody
Catalog #: AMRe13997
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP,IF-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:100-1:200,IP 1:50-1:100,IF-P 1:100-1:200
Molecular Weight	53kDa

Antigen Information

Gene Name	MMP8
Alternative Names	HNC; CLG1; MMP-8; PMNL-CL; COLLAGENASE I; NEUTROPHIL; matrix metalloproteinase 8;
Gene ID	4317.0
SwissProt ID	P22894
Immunogen	A synthetic peptide of human MMP8

Background

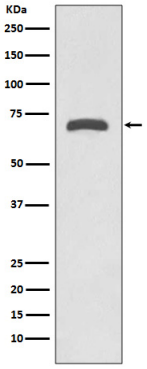
Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal

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. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Can degrade fibrillar type I, II, and III collagens.

Research Area

Angiogenesis

Image Data



Western blot analysis of MMP8 expression in Human placenta lysate.