

Anti-MMP9 Reference Antibody (Yeda patent anti-MMP-9) Recombinant Antibody Catalog # APR10979

Specification

Anti-MMP9 Reference Antibody (Yeda patent anti-MMP-9) - Product Information

Application Primary Accession Reactivity Clonality Isotype Calculated MW FC, E, FTA <u>P14780</u> Human, Mouse Monoclonal IgG2SA 144.76 KDa

Anti-MMP9 Reference Antibody (Yeda patent anti-MMP-9) - Additional Information

Target/Specificity MMP9

Endotoxin < 0.001EU/ μg,determined by LAL method.

Conjugation Unconjugated

Expression system CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-MMP9 Reference Antibody (Yeda patent anti-MMP-9) - Protein Information

Name MMP9

Synonyms CLG4B

Function

Matrix metalloproteinase that plays an essential role in local proteolysis of the extracellular matrix and in leukocyte migration (PubMed:12879005, PubMed:1480034, PubMed:2551898). Could play a role in bone osteoclastic resorption (By similarity). Cleaves KiSS1 at a Gly-|-Leu bond (PubMed:12879005). Cleaves NINJ1 to generate the Secreted ninjurin-1 form (PubMed:32883094). Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter Nterminal one quarter fragments (PubMed:<a href="http://www.uniprot.org/citations/1480034"



target="_blank">1480034). Degrades fibronectin but not laminin or Pz-peptide.

Cellular Location Secreted, extracellular space, extracellular matrix

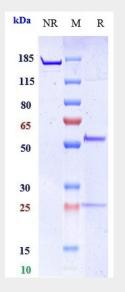
Tissue Location Detected in neutrophils (at protein level) (PubMed:7683678). Produced by normal alveolar macrophages and granulocytes.

Anti-MMP9 Reference Antibody (Yeda patent anti-MMP-9) - Protocols

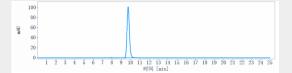
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-MMP9 Reference Antibody (Yeda patent anti-MMP-9) - Images



Anti-MMP9 Reference Antibody (Yeda patent anti-MMP-9) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-MMP9 Reference Antibody (Yeda patent anti-MMP-9)is more than 95% ,determined by SEC-HPLC.