

MMP9 (C-terminal) Polyklonaler Antikörper

Katalog-Nr.: 26180-1-AP

Allgemeine Informationen

Katalog-Nr.:

26180-1-AP

Größe:

150ul

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG22880

GenBank-Zugangsnummer:

BC006093

GeneID (NCBI):

4318

Vollständiger Name:

matrix metalloproteinase 9
(gelatinase B, 92kDa gelatinase,
92kDa type IV collagenase)

Berechnete Masse:

707 aa, 78 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

IHC 1:150-1:600

Anwendungen

Geprüfte Anwendungen:

IHC, ELISA

Getestete Reaktivität:

Human, Maus

Positivkontrollen:

IHC : humanes Tonsillitisgewebe,

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, tissue remodeling, and disease processes, such as arthritis or metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. Matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) (MMP9, synonyms: GELB, CLG4B) degrades collagens type IV and V. Studies in rhesus monkeys suggest that MMP9 is involved in IL-8-induced mobilization hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling. The pro-MMP9 is 92 kDa, and it can be detected a processed form of 68 kDa or 82 kDa. This protein can exist as a dimer of 180 kDa (PMID:7492685).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 26180-1-AP (MMP9 (C-terminal) antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 26180-1-AP (MMP9 (C-terminal) antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).