

Nur für Forschungszwecke

MMP9 (N-terminal) Polyklonaler Antikörper



Katalog-Nr.:CL594-10375

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: CL594-10375	GenBank-Zugangsnummer: BC006093	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von4318 Nanodrop;	GeneID (NCBI): 100000000	Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Isotyp: IgG	Berechnete Masse: 707 aa, 78 kDa	
Immunogen Katalognummer: AG0552	Beobachtete Masse: 67 kDa, 92 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : MCF-7-Zellen,
Getestete Reaktivität: Human, Maus, Ratte	

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. This protein can exist as a dimer of 180 kDa (PMID:7492685).

Lagerung

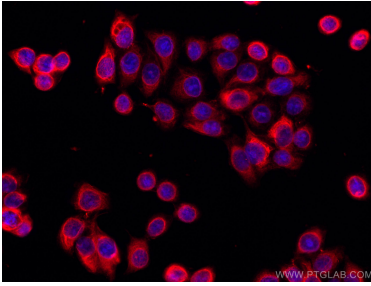
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

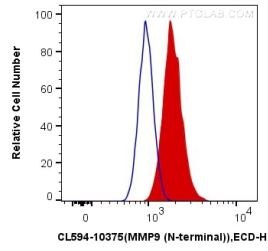
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using CoraLite®594 MMP9 (N-terminal) antibody (CL594-10375) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human MMP9 (N-terminal) (CL594-10375) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).