

MMP9 (PT0731R) PT™ Rabbit mAb

CatalogNo: YM8311 **Recombinant** 

★IHC

Key Features

Host Species

- Rabbit

Reactivity

- Mouse,Rat

Applications

- WB,IHC,IF,IP,ELISA

MW

- 78kD (Calculated)
80kD-92kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:200-1000

WB 1:500-5000

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

Basic Information

Clonality Monoclonal

Clone Number PT0731R

Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Endogenous

| Target Information

Gene name MMP9 CLG4B

Protein Name MMP9 (Cleaved-Met94)

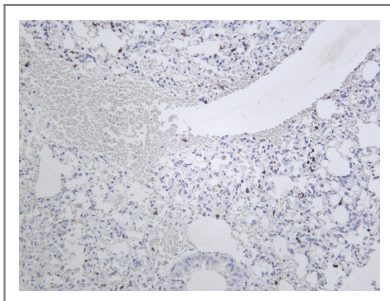
Organism	Gene ID	UniProt ID
Human	4318;	P14780;
Mouse	17395;	P41245;
Rat	81687;	P50282;

Cellular Localization Membranous

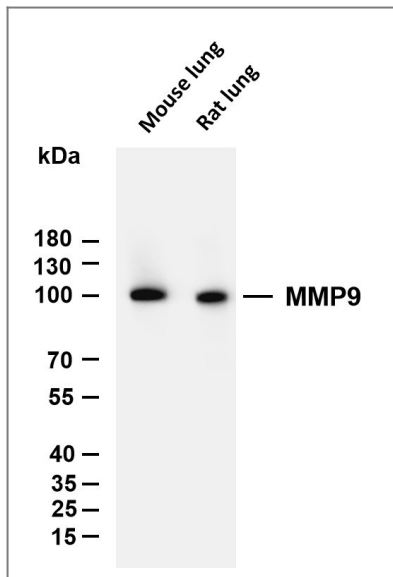
Tissue specificity Detected in neutrophils (at protein level) (PubMed:7683678) . Produced by normal alveolar macrophages and granulocytes.

Function skeletal system development , immune system development , leukocyte differentiation , myeloid leukocyte differentiation , proteolysis , regulation of cell death , positive regulation of cell death , hemopoiesis , myeloid cell differentiation , extracellular matrix organization , macrophage differentiation , regulation of cell migration , positive regulation of cell migration , collagen catabolic process , collagen metabolic process , regulation of locomotion , positive regulation of locomotion , regulation of apoptosis , extracellular structure organization , positive regulation of apoptosis ,regulation of programmed cell death , positive regulation of programmed cell death , multicellular organismal metabolic process , multicellular organismal catabolic process , multicellular organismal macromolecule metabolic process ,hemopoietic or lymphoid organ development , regulation of cell motion , positive regulation of cell motion , regulation of keratinocyte migration , positive regulation of keratinocyte migration ,

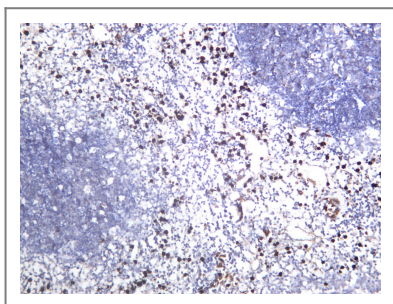
| Validation Data



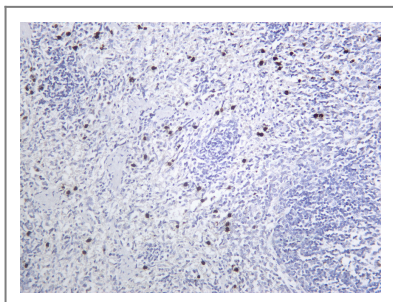
Mouse lung tissue was stained with Anti-MMP9 rabbit Antibody



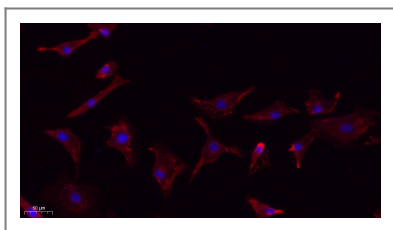
Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-MMP9 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Mouse lung Lane 2: Rat lung Predicted band size: 78kDa Observed band size: 80-92kDa



Mouse spleen tissue was stained with Anti-MMP9 rabbit Antibody



Rat spleen tissue was stained with Anti-MMP9 rabbit Antibody



Immunofluorescence analysis of A549. 1,primary Antibody (red) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000 (room temperature, 50min).3, DAPI (blue) 10min.

Contact information

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Please scan the QR code to access additional product information:
MMP9 (PT0731R)
PT™ Rabbit mAb

