

产品名称: MMP2 Rabbit Monoclonal antibody
产品货号: AMRe21168



产品概述 (Summary)

产品名称 (Production Name)	MMP2 Rabbit Monoclonal antibody
描述 (Description)	Rabbit Monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IF,IP,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG,Kappa
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
纯化方式 (Purification)	Protein A

免疫原信息 (Immunogen)

基因名 (Gene Name)	MMP2
别名 (Alternative Names)	MMP2;CLG4A;72 kDa type IV collagenase;72 kDa gelatinase;Gelatinase A;Matrix metalloproteinase-2;MMP-2;TBE-1
基因 ID (Gene ID)	4313.0
蛋白 ID (SwissProt ID)	P08253.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:10000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
蛋白分子量 (Molecular Weight)	Calculated MW:74kD;Observed MW:64kD

研究背景 (Background)

Cell localization:Cytoplasm, Nucleus.matrix metalloproteinase 2(MMP2) Homo sapiens This gene is a member of the matrix

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metalloproteinase (MMP) gene family, that are zinc-dependent enzymes capable of cleaving components of the extracellular matrix and molecules involved in signal transduction. The protein encoded by this gene is a gelatinase A, type IV collagenase, that contains three fibronectin type II repeats in its catalytic site that allow binding of denatured type IV and V collagen and elastin. Unlike most MMP family members, activation of this protein can occur on the cell membrane. This enzyme can be activated extracellularly by proteases, or, intracellularly by its S-glutathiolation with no requirement for proteolytical removal of the pro-domain. This protein is thought to be involved in multiple pathways including roles in the nervous system, endometrial menstrual breakdown, regulation of vascularization, and metastasis. Mutations in this gene have been associated with Win

研究领域 (Research Area)

图片 (Image Data)

zhanweifu1

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-MMP2 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

zhanweifu2

WB Human 1 : 1000 A549 cell

zhanweifu3

Western blot analysis of lysates from 1) 3T3 , 2) Jurkat ,3) HT29 cells, (Green) primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1 hour. (Red) GAPDH Monoclonal Antibody antibody was diluted at 1:5000 as loading control, 4° over night, secondary antibody was diluted at 1:10000, 37° 1 hour.

zhanweifu4

zhanweifu5

注意事项 (Note)

For research use only .