

产品说明书

mmp2 Rabbit mAb

货号: HL23308

产品名称	mmp2 Rabbit mAb
来源宿主	Rabbit
反应种属	Human, Mouse, Rat
克隆类型	Rabbit monoclonal
克隆号	H126
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
存储溶液	PBS (pH7.4),0.05% BSA,40% Glycerol. Preservative: 0.05% Sodium Azide.
存储方式	Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.Stable for 12 months.
应用	WB,IHC-P,mIHC
使用方法	WB 1:1000;IHC-P 1:500; mIHC 1:500
有效期	one year
别名	72 kDa type IV collagenase; 72 kDa gelatinase; Gelatinase A; Matrix metalloproteinase-2 (MMP-2); TBE-1; CLG4A
免疫原	Recombinant protein within human MMP-2 aa 1-660.
SwissProt	P08253
细胞定位	Secreted, extracellular space, extracellular matrixm Membrane, Nucleus; Cytoplasm, Mitochondrion.
分子量	Predicted band size: 74 kDa
产品介绍	<p>Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix (ECM) in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes an enzyme which degrades type IV collagen, the major structural component of basement membranes. The enzyme plays a role in endometrial menstrual breakdown, regulation of vascularization and the inflammatory response. Activation of MMP-2 requires proteolytic processing. A complex of membrane type 1 MMP (MT1-MMP/MMP14) and tissue inhibitor of metalloproteinase 2 recruits pro-MMP 2 from the extracellular milieu to the cell surface. Activation then requires an active molecule of MT1-MMP and auto catalytic cleavage. Clustering of integrin chains promotes activation of MMP-2. Another factor that will support the activation of MMP-2 is cell-cell clustering. A wild-type activated leukocyte cell adhesion molecule (ALCAM) is also required to activate MMP-2.</p>

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