

## 基质金属蛋白酶-24 抗体

产品货号： mIR10718

英文名称： MMP24

中文名称： 基质金属蛋白酶-24 抗体

别 名： Matrix metalloproteinase 24 (membrane inserted); Matrix metalloproteinase 24; Membrane type 5 matrix metalloproteinase; Membrane type matrix metalloproteinase 5; Membrane-type matrix metalloproteinase 5; Membrane-type-5 matrix metalloproteinase; MMP 24; MMP 25; MMP-24; Mmp24; MMP24\_HUMAN; MMP25; MT MMP5; MT-MMP 5; MT5 MMP; MT5-MMP; MT5MMP; MTMMP5; Processed matrix metalloproteinase-24.

研究领域： 肿瘤 细胞生物 免疫学 神经生物学 信号转导 细胞粘附分子 细胞骨架

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Horse, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500  
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 57kDa

细胞定位： 细胞膜 分泌型蛋白

性 状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human MMP24:151-250/645 <Extracellular>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 :** Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix 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. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. This protein activates MMP2 by cleavage. The gene has previously been referred to as MMP25 but has been renamed MMP24. [provided by RefSeq, Jul 2008]

**Function:**

Activates progelatinase A. May also be a proteoglycanase involved in degradation of proteoglycans, such as dermatan sulfate and chondroitin sulfate proteoglycans. Cleaves partially fibronectin, but not collagen type I, nor laminin.

**Subcellular Location:**

Cell membrane; Single-pass type I membrane protein; Extracellular side.

Processed matrix metalloproteinase-24: Secreted, extracellular space, extracellular matrix. Note=Also shed from cell surface as soluble proteinase, by a proteolytic cleavage.

**Tissue Specificity:**

Expressed in brain. Expressed at low level in testis.

**Post-translational modifications:**

The precursor is cleaved by a furin endopeptidase.

**Similarity:**

Belongs to the peptidase M10A family.

Contains 4 hemopexin-like domains.

**SWISS:**

Q9Y5R2

**Gene ID:**

10893

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.