

## 软骨基质蛋白抗体

产品货号： mIR1976

英文名称： Matrilin 1

中文名称： 软骨基质蛋白抗体

别名： Cartilage matrix protein; CMP; CRTM; Mat1; MATN1; Matrilin-1; MGC95132; Cartilage matrix protein 1.

研究领域： 免疫学 发育生物学

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 55kDa

细胞定位： 细胞外基质 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human Matrilin 1:301-400/496

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：** This gene encodes a member of von Willebrand factor A domain containing protein family. This family of proteins are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. Mutations of this gene have been associated with variety of inherited chondrodysplasias. [provided by RefSeq]

**Function:**

Cartilage matrix protein is a major component of the extracellular matrix of non-articular cartilage. It binds to collagen.

**Subunit:**

Homotrimer. Interacts with COMP.

**Subcellular Location:**

Secreted, extracellular space, extracellular matrix.

**Similarity:**

Contains 1 EGF-like domain.

Contains 2 VWFA domains.

**SWISS:**

P21941

**Gene ID:**

4146

**Important Note:**

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

**Matrilins** 是一组非胶原的细胞外基质蛋白家族，该蛋白家族分别为 **Matrilin-1**， **Matrilin-2**， **Matrilin-3** 和 **Matrilin-4** 。

**Matrilin-1** 和 **Matrilin-3** 主要分布在生长的软骨组织中，**Matrilin-2** 和 **Matrilin-4** 分布较广，主要分布于软骨的增殖和肥大区，在软骨膜、骨膜及骨组织中，而且，它也分布在许多非骨组织中，如腱、韧带、真皮、心脏、平滑肌、消化道和呼吸道等。