

## Product datasheet

# Anti-MMP9 antibody, prediluted ab75375

★★★★☆ 1 Abreviews 画像数 1

### 製品の概要

製品名	Anti-MMP9 antibody, prediluted
製品の詳細	Rabbit polyclonal to MMP9, prediluted
由来種	Rabbit
アプリケーション	適用あり: IHC-P
種交差性	交差種: Guinea pig, Human 非交差種: Mouse, Rat, Cow
免疫原	A synthetic peptide derived from near the C terminal of human MMP9 protein.
ポジティブ・コントロール	Human placenta tissue or breast carcinoma tissue.

### 製品の特性

製品の状態	Prediluted
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 15mM Sodium Azide Constituents: 0.5M Tris HCl, Stabilizing Buffer, pH 7.6
精製度	Immunogen affinity purified
特記事項(精製)	ab75375 reacts with both latent and active MMP9.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab75375** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-P	★★★★☆	

### 追加情報

IHC-P: Ready to use.  
Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0

for 10-20 min followed by cooling at RT for 20 min.

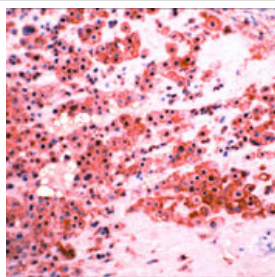
Not yet tested in other applications.

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

## ターゲット情報

機能	May play an essential role in local proteolysis of the extracellular matrix and in leukocyte migration. Could play a role in bone osteoclastic resorption. Cleaves KiSS1 at a Gly-Leu bond. Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments. Degrades fibronectin but not laminin or Pz-peptide.
組織特異性	Produced by normal alveolar macrophages and granulocytes.
関連疾患	Intervertebral disc disease Metaphyseal anadysplasia 2
配列類似性	Belongs to the peptidase M10A family. Contains 3 fibronectin type-II domains. Contains 4 hemopexin repeats.
ドメイン	The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.
翻訳後修飾	Processing of the precursor yields different active forms of 64, 67 and 82 kDa. Sequentially processing by MMP3 yields the 82 kDa matrix metalloproteinase-9. N- and O-glycosylated.
細胞内局在	Secreted, extracellular space, extracellular matrix.

## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - MMP9 antibody, prediluted (ab75375)

ab75375 (ready to use) staining MMP9 in human placenta by Immunohistochemistry, Formalin-fixed, Paraffin-embedded tissue using peroxidase-conjugate and AEC chromogen. Note membrane staining of trophoblasts.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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