产品名称：MMP1 Rabbit Monoclonal Antibody
产品货号：AMRe86302

产品概述（Summary）

产品名称（Production Name）	MMP1 Rabbit Monoclonal Antibody
描述（Description）	Recombinant rabbit monoclonal antibody
宿主（Host）	Rabbit
应用（Application）	IHC,ICC/IF,FC
种属反应性（Reactivity）	Human

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
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）	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式（Purification）	Affinity Purification

免疫原信息（Immunogen）

基因名（Gene Name）	MMP1
别名（Alternative Names）	CLG; CLGN
基因 ID（Gene ID）	4312
蛋白 ID（SwissProt ID）	P03956.

产品应用（Application）

稀释比（Dilution Ratio）	IHC 1:50-1:200,ICC/IF 1:20-1:50,FC 1:20-1:50
蛋白分子量（Molecular Weight）	Calculated MW:54 kDa; Observed MW:

研究背景（Background）

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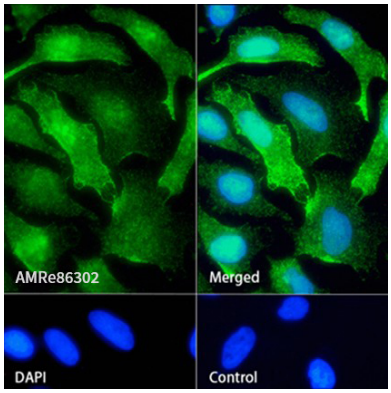
This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. The encoded preproprotein is proteolytically processed to generate the mature protease. This secreted protease breaks down the interstitial collagens, including types I, II, and III. The gene is part of a cluster of MMP genes on chromosome 11. Mutations in this gene are associated with chronic obstructive pulmonary disease (COPD). Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016]

研究领域（Research Area）

图片（Image Data）



Immunofluorescence analysis of HeLa cells labelling MMP1 with AMRe86302.

注意事项（Note）

For research use only .