


Anti-MMP19 antibody ab53146

★★★★★ [2 Abreviews](#) [7 References](#) [2 图像](#)

概述

产品名称	Anti-MMP19抗体
描述	兔多克隆抗体to MMP19
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Rat 
免疫原	Synthetic peptide derived from human MMP19.
阳性对照	WB: Extracts of HuvEc cells IHC-P: Human breast carcinoma tissue
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS</p>
纯度	Without Mg+2 and Ca+2
纯化说明	Immunogen affinity purified
克隆	ab53146 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
同种型	多克隆
	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab53146于以下的经测试应用

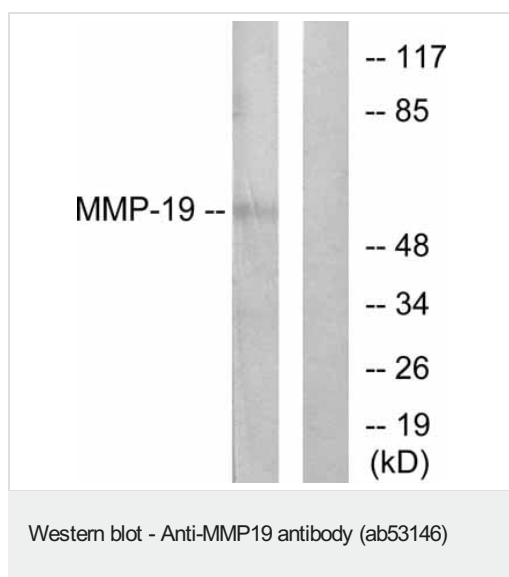
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 62 kDa (predicted molecular weight: 57 kDa).
IHC-P	★★★★★ (2)	Use at an assay dependent concentration.

靶标

功能	Endopeptidase that degrades various components of the extracellular matrix, such as aggrecan and cartilage oligomeric matrix protein (comp), during development, haemostasis and pathological conditions (arthritic disease). May also play a role in neovascularization or angiogenesis. Hydrolyzes collagen type IV, laminin, nidogen, nascin-C isoform, fibronectin, and type I gelatin.
组织特异性	Expressed in mammary gland, placenta, lung, pancreas, ovary, small intestine, spleen, thymus, prostate, testis colon, heart and blood vessel walls. Not detected in brain and peripheral blood leukocytes. Also expressed in the synovial fluid of normal and rheumatoid patients.
疾病相关	May play a role in pathological processes participating in rheumatoid arthritis (RA)-associated joint tissue destruction. Autoantigen anti-MMP19 are frequent in RA patients.
序列相似性	Belongs to the peptidase M10A family. Contains 4 hemopexin-like domains.
结构域	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.
翻译后修饰	Activated by autolytic cleavage after Lys-97.
细胞定位	Secreted > extracellular space > extracellular matrix.

图片



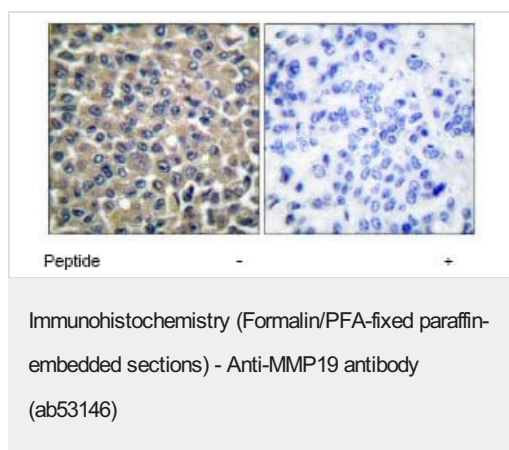
All lanes : Anti-MMP19 antibody (ab53146) at 1/500 dilution

Lane 1 : Extracts of Huv Ec cells with no peptide

Lane 2 : Extracts of Huv Ec cells with peptide

Predicted band size: 57 kDa

Observed band size: 62 kDa



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ab53146 at a dilution of 1/50-1/100. Right hand image: treated with immunising peptide. Left hand image: untreated.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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