

Anti-MMP11 antibody ab53143

★★★★★ 1 Abreviews 9 References 2 图像

概述

产品名称	Anti-MMP11抗体
描述	兔多克隆抗体to MMP11
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthesized peptide derived from human MMP11.
阳性对照	WB: A549 cell extract
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	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49.48% PBS, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	The antibody was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
克隆	多克隆
同种型	IgG

The Abpromise guarantee **Abpromise™**承诺保证使用ab53143于以下的经测试应用

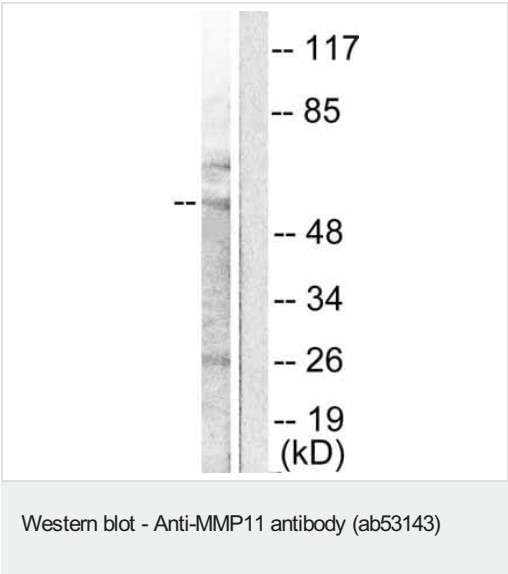
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (1)	Use a concentration of 2 µg/ml.
WB		1/500 - 1/1000. Detects a band of approximately 62 kDa (predicted molecular weight: 55 kDa).

靶标

功能	May play an important role in the progression of epithelial malignancies.
组织特异性	Specifically expressed in stromal cells of breast carcinomas.
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	The precursor is cleaved by a furin endopeptidase.
细胞定位	Secreted > extracellular space > extracellular matrix.

图片



All lanes : Anti-MMP11 antibody (ab53143) at 1/500 dilution

Lane 1 : A549 cell extract with no peptide

Lane 2 : A549 cell extract with peptide

Predicted band size: 55 kDa

Observed band size: 62 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MMP11 antibody (ab53143)

Ab53143 staining Human normal placenta. Staining is localised to the extracellular matrix (secreted).
Left panel: with primary antibody at 2 ug/ml. Right panel: isotype control.
Sections were stained using an automated system DAKO

Autostainer Plus , at room temperature. Sections were rehydrated and antigen retrieved with the Dako 3-in-1 AR buffers EDTA pH 9.0 in a DAKO PT Link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 minutes. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 minutes and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that for manual staining we recommend to optimize the primary antibody concentration and incubation time (overnight incubation), and amplification may be require

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

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