



Anti-MMP9 antibody [56-2A4] ab58803

★★★★★ 9 Abreviews 97 References 画像数 1

製品の概要

製品名	Anti-MMP9 antibody [56-2A4]
製品の詳細	Mouse monoclonal [56-2A4] to MMP9
由来種	Mouse
特異性	Recognizes the ~92 kDa latent and the ~83 kDa active forms of MMP9. Does not react with MMP1, MMP2, MMP3 or MMP13. The antibody recognizes precursor (92 kDa) and active (83 kDa) forms of human and guinea pig MMP-9.
アプリケーション	適用あり: IHC-P, IHC-Fr, ICC/IF, WB
種交差性	交差種: Mouse, Rat, Rabbit, Guinea pig, Human
免疫種	Synthetic peptide corresponding to Human MMP9 aa 626-644. Sequence: L FSGRRLWRFDVKAQMVDP Database link: P14780  Run BLAST with  Run BLAST with
ポジティブ・コントロール	Breast carcinoma tissue. Conditioned medium of human fibrosarcoma HT1080 cells The protein is secreted so you may need to concentrate the protein from cell culture media. Concentrate protein by TCA, acetone or ammonium sulphate precipitation. HL60 cell lysate, U937 cell lysate, HT1080 cell lysate, human spleen lysate
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

バッファー	pH: 7.00 Preservative: 0.1% Sodium azide Constituents: 1.64% Sodium phosphate, 0.1% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	Is purified.
ポリ/モノ	モノクローナル
クローン名	56-2A4
アイソタイプ	IgG1
軽鎖の種類	kappa

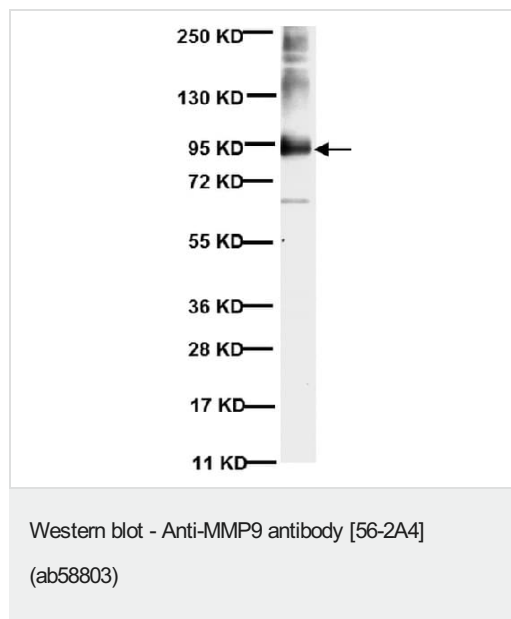
アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab58803の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (3)	Use at an assay dependent concentration.
IHC-Fr	★★★★★ (3)	Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 22496779
WB	★★★★★ (2)	Use a concentration of 2 µg/ml. Detects a band of approximately 92 kDa (predicted molecular weight: 78 kDa).

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.



1:500 dilution of ab58803 detected MMP-9 on 10 µg of Human spleen lysates. Arrow indicates protein MMP-9 (~92 kDa). Lower bands indicate active forms of MMP-9

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

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