


Anti-MMP8 antibody [EP1252Y] - Low endotoxin, Azide free ab224265

 **RabMAb**

10 References **3 图像**

概述

| | |
|-------|---|
| 产品名称 | Anti-MMP8抗体[EP1252Y] - Low endotoxin, Azide free |
| 描述 | 兔单克隆抗体[EP1252Y] to MMP8 - Low endotoxin, Azide free |
| 宿主 | Rabbit |
| 特异性 | WB positive for Human recombinant MMP8 but negative results for the following cell lines and tissue: HeLa, A431,K562 and bone marrow. |
| 经测试应用 | 适用于: WB, IP, IHC-P |
| 种属反应性 | 与反应: Rat, Human 预测可用于: Mouse  |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| 阳性对照 | WB: Rat lung lysate. IHC-P: Human urinary bladder carcinoma and placenta tissues. IP: Rat lung lysate. |
| 常规说明 | <p>ab224265 is the carrier-free version of ab81286.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Our Low endotoxin, azide-free formats have low endotoxin level (≤ 1 EU/ml, determined by the LAL assay) and are free from azide, to achieve consistent experimental results in functional</p> |

assays.

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.

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

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| 存储溶液 | pH: 7.2 Constituent: PBS |
| 无载体 | 是 |
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 克隆编号 | EP1252Y |
| 同种型 | IgG |

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab224265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 | | Use at an assay dependent concentration. Predicted molecular weight: 53 kDa. |
| IP | | Use at an assay dependent concentration. |
| IHC-P | | Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. |

靶标

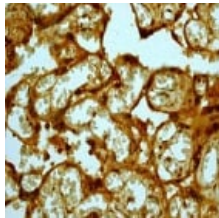
| | |
|-------|--|
| 功能 | Can degrade fibrillar type I, II, and III collagens. |
| 组织特异性 | Neutrophils. |
| 序列相似性 | Belongs to the peptidase M10A family. Contains 4 hemopexin-like domains. |
| 结构域 | The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus |

inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.

细胞定位

Cytoplasmic granule. Secreted > extracellular space > extracellular matrix. Stored in intracellular granules.

图片

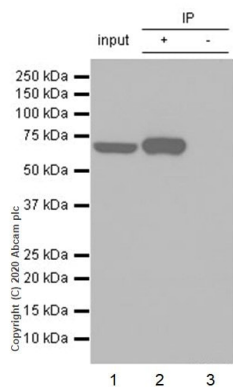


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MMP8 antibody [EP1252Y] - Low endotoxin, Azide free (ab224265)

ab81286, at 1/100 dilution, staining MMP8 in human placenta by Immunohistochemistry using formalin-fixed, paraffin-embedded tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab81286**).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunoprecipitation - Anti-MMP8 antibody [EP1252Y] - Low endotoxin, Azide free (ab224265)

Purified **ab81286** at 1/50 dilution (2µg) immunoprecipitating MMP8 in Rat lung lysate.

Lane 1 (input): Rat lung lysate 10µg

Lane 2 (+): **ab81286** + Rat lung lysate.

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab81286** in Rat lung lysate.

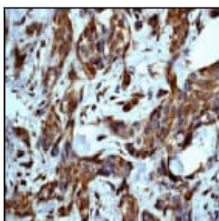
VeriBlot for IP Detection Reagent (HRP) (**ab131366**) (1/1000 dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDm/TBST.

Diluting buffer and concentration: 5% NFDm/TBST.

Observed band size: 70 kDa

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab81286**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MMP8 antibody [EP1252Y] - Low endotoxin, Azide free (ab224265)

This IHC data was generated using the same anti-MMP8 antibody clone [EP1252Y] in a different buffer formulation (cat# **ab81286**).

ab81286, at 1/100 dilution, staining MMP8 in human urinary bladder carcinoma by Immunohistochemistry using formalin-fixed, paraffin-embedded tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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