

### Anti-Myeloperoxidase antibody [EPR4793] ab134132

**重组** RabMAb

**8 References**   **5 图像**

#### 概述

产品名称	Anti-Myeloperoxidase抗体[EPR4793]
描述	兔单克隆抗体[EPR4793] to Myeloperoxidase
宿主	Rabbit
特异性	The antibody recognizes Myeloperoxidase (85-90 kDa) and its heavy chain (60 kDa).
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Flow Cyt (intra): HeLa cells
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
纯度	Protein A purified
克隆	单克隆

克隆编号EPR4793

同种型IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab134132于以下的经测试应用

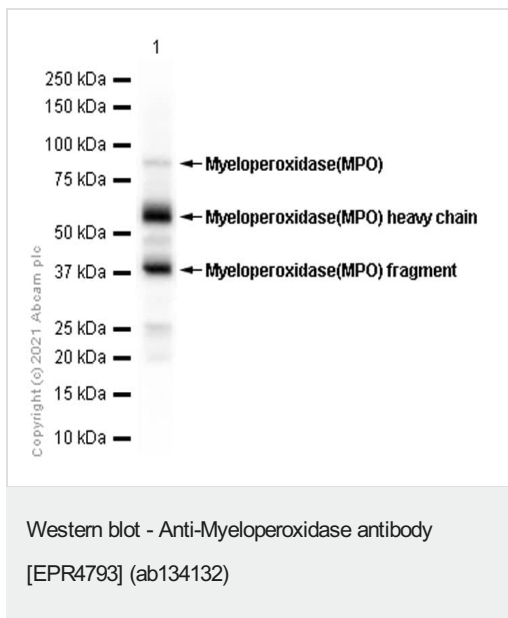
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/10000. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 83 kDa.
IHC-P		1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. For unpurified use at dilution between 1/250 to 1/500

靶标

功能	Part of the host defense system of polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the production of hypohalous acids, primarily hypochlorous acid in physiologic situations, and other toxic intermediates that greatly enhance PMN microbicidal activity.
疾病相关	Defects in MPO are the cause of myeloperoxidase deficiency (MPD) [MIM:254600]. MPD is an autosomal recessive defect that results in disseminated candidiasis.
序列相似性	Belongs to the peroxidase family. XPO subfamily.
细胞定位	Lysosome.

图片

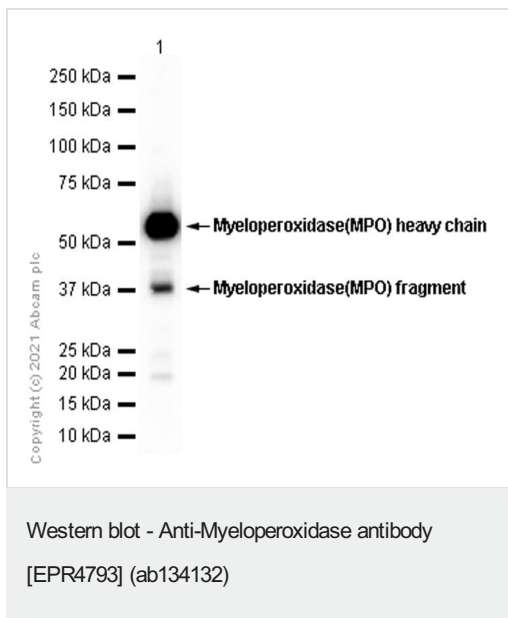


Anti-Myeloperoxidase antibody [EPR4793] (ab134132) at 1/1000 dilution (Purified) + HL-60 (Human acute promyelocytic leukemia promyeloblast) whole cell lysate

### Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 83 kDa

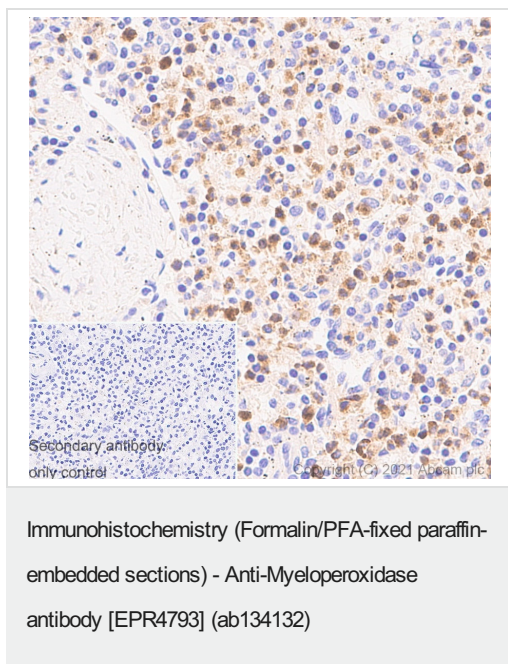


Anti-Myeloperoxidase antibody [EPR4793] (ab134132) at 1/1000 dilution (Purified) + Human spleen lysate

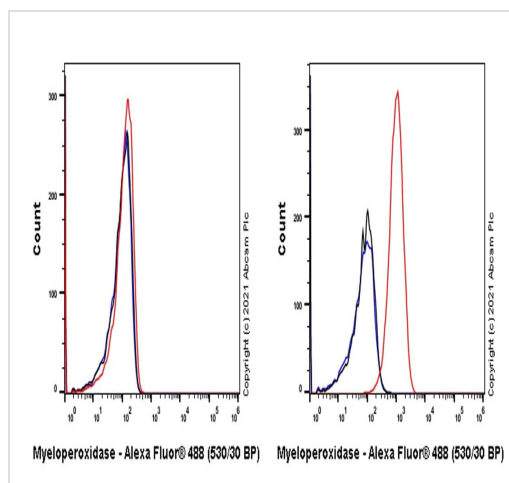
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human spleen tissue sections labeling Myeloperoxidase with Purified ab134132 at 1:1000 dilution (0.2 µg/ml). Heat mediated antigen retrieval was performed using Heat mediated antigen retrieval using Bond Epitope Retrieval Solution 1 (pH 6.0) . Tissue was counterstained with Hematoxylin. LeicaDS9800 (Bond™ Polymer Refine Detection) was used secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.



Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell, Left) / HL-60 (Human acute promyelocytic leukemia promyeloblast, Right) cells labeling Myeloperoxidase with purified ab134132 at 1/10000 dilution (0.1 µg/mL) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150081**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).

Negative control: HeLa.

Flow Cytometry (Intracellular) - Anti-Myeloperoxidase antibody [EPR4793] (ab134132)

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-Myeloperoxidase antibody [EPR4793] (ab134132)

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

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