

Anti-Myeloperoxidase antibody [EPR4793] ab134132

リコンビナント **RabMAb**

8 References **画像数 5**

製品の概要

| | |
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| 製品名 | Anti-Myeloperoxidase antibody [EPR4793] |
| 製品の詳細 | Rabbit monoclonal [EPR4793] to Myeloperoxidase |
| 由来種 | Rabbit |
| 特異性 | The antibody recognizes Myeloperoxidase (85-90 kDa) and its heavy chain (60 kDa). |
| アプリケーション | 適用あり: Flow Cyt (Intra), WB, IHC-P |
| 種交差性 | 交差種: Human |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| ポジティブ・コントロール | Flow Cyt (intra): HeLa cells |
| 特記事項 | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</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>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> |

製品の特性

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|-------|--|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at -20°C. |
| バッファー | <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> |
| 精製度 | Protein A purified |
| ポリ/モノ | モノクローナル |

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|--------|---------|
| クローン名 | EPR4793 |
| アイソタイプ | IgG |

アプリケーション

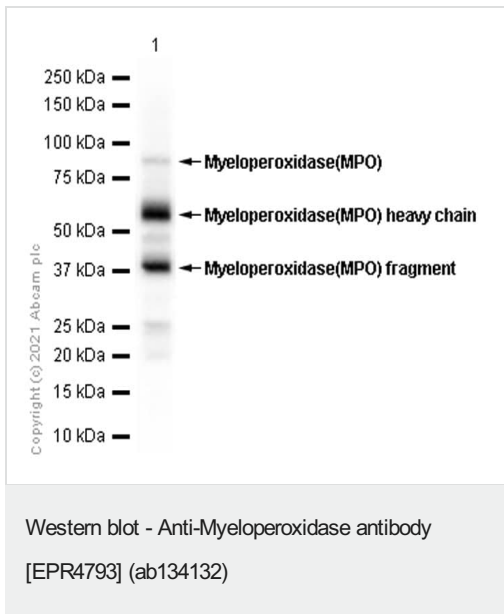
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab134132の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|------------------|-----------|---|
| Flow Cyt (Intra) | | 1/10000. ab172730 - 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 |

ターゲット情報

| | |
|-------|---|
| 機能 | 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. |
| 関連疾患 | Defects in MPO are the cause of myeloperoxidase deficiency (MPD) [MIM:254600]. MPD is an autosomal recessive defect that results in disseminated candidiasis. |
| 配列類似性 | Belongs to the peroxidase family. XPO subfamily. |
| 細胞内局在 | Lysosome. |

画像

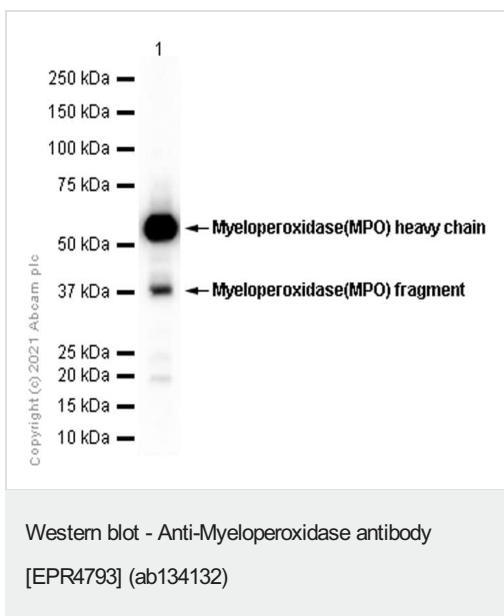


Anti-Myeloperoxidase antibody [EPR4793] (ab134132) at 1/1000 dilution (Purified) + HL-60 (Human acute promyelocytic leukemia promyeloblast) whole cell lysate

Secondary

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

Predicted band size: 83 kDa

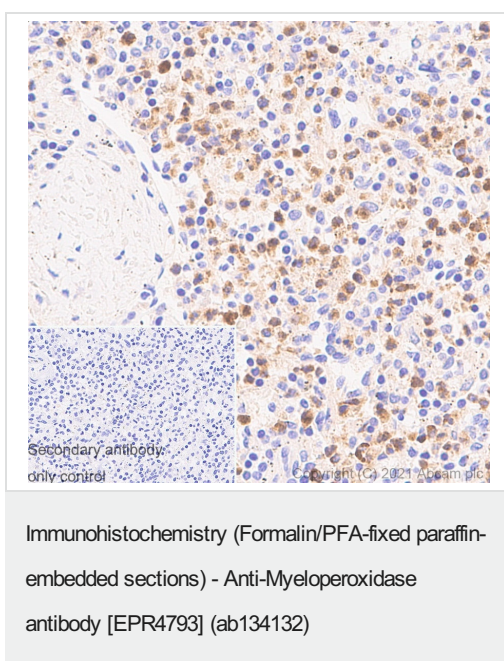


Anti-Myeloperoxidase antibody [EPR4793] (ab134132) at 1/1000 dilution (Purified) + Human spleen lysate

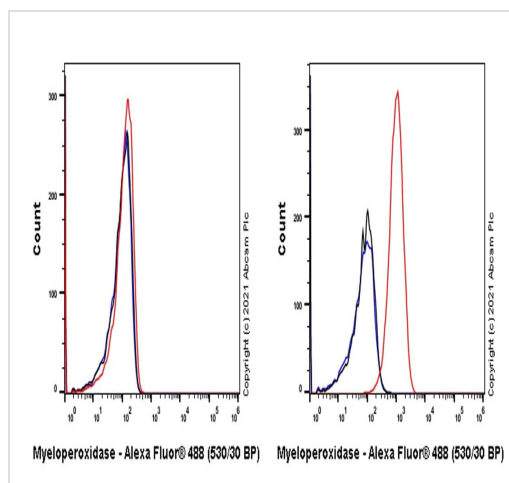
Secondary

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

Predicted band size: 83 kDa



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)

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