

Anti-Myeloperoxidase antibody ab65871

★★★★★ [3 Abreviews](#) [20 References](#) [7 图像](#)

概述

产品名称	Anti-Myeloperoxidase抗体
描述	兔多克隆抗体to Myeloperoxidase
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Human Myeloperoxidase (C terminal). Database link: P05164
阳性对照	IHC-P: Human colon, tonsil, ovary tissue, liver cancer tissue; rat colon tissue; mouse spleen tissue. WB: Rat brain tissue.
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	Lyophilized: Add 0.2ml of distilled water to yield a dilution of 500 ug/mL
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab65871于以下的经测试应用

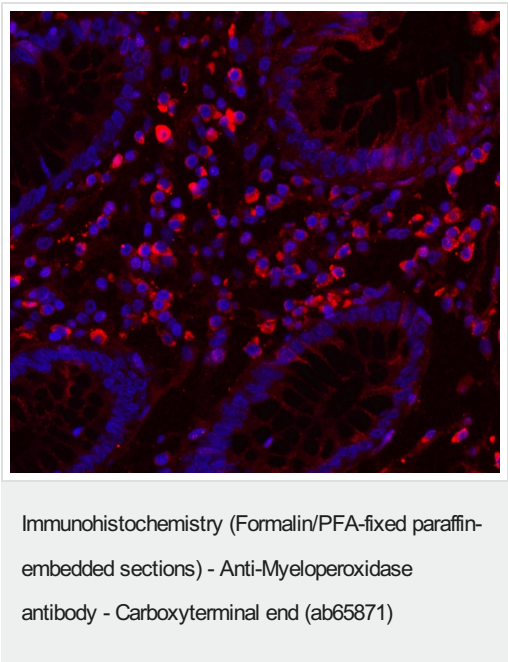
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 2 µg/ml. Predicted molecular weight: 84 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml.

靶标

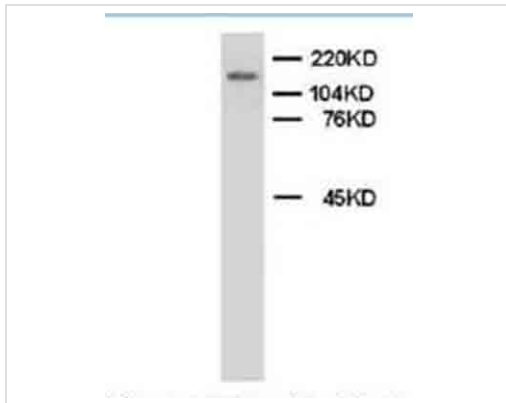
功能	Part of the host defense system of polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the production of hypohalous acids, primarily hypochlorous acid in physiologic situations, and other toxic intermediates 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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Myeloperoxidase using ab65871.

Myeloperoxidase was detected in paraffin-embedded section of human colon tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/mL overnight at 4°C. Cy3 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

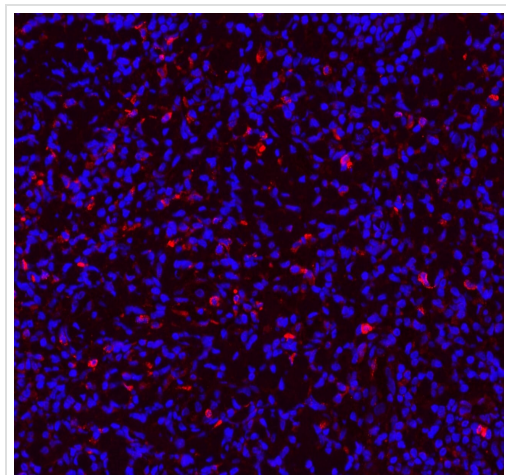


Western blot - Anti-Myeloperoxidase antibody - Carboxyterminal end (ab65871)

Anti-Myeloperoxidase antibody (ab65871) at 2 µg/ml + rat brain tissue lysate

Predicted band size: 84 kDa

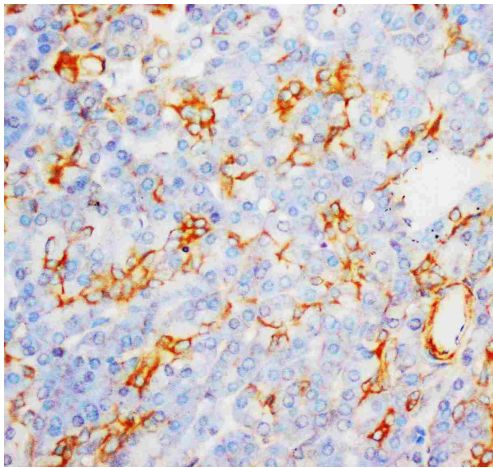
Observed band size: 170 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myeloperoxidase antibody - Carboxyterminal end (ab65871)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Myeloperoxidase using ab65871.

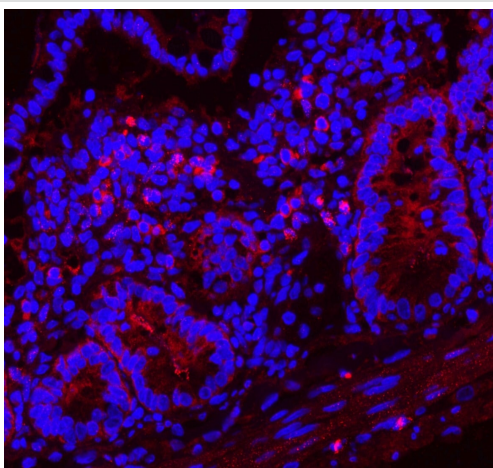
Myeloperoxidase was detected in paraffin-embedded section of human tonsil tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 µg/mL ab65871 overnight at 4°C. Cy3 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myeloperoxidase antibody - Carboxyterminal end (ab65871)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Myeloperoxidase using ab65871.

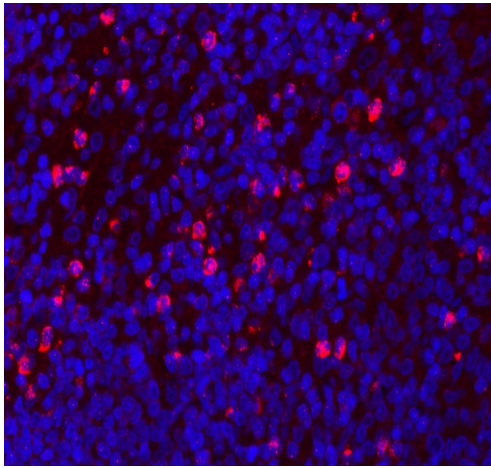
Myeloperoxidase was detected in paraffin-embedded section of human liver cancer tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/ml ab65871 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myeloperoxidase antibody - Carboxyterminal end (ab65871)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Myeloperoxidase using ab65871.

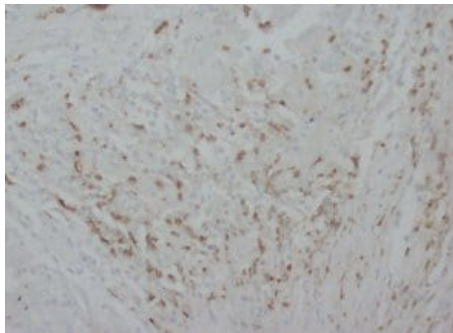
Myeloperoxidase was detected in paraffin-embedded section of rat colon tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/mL ab65871 overnight at 4°C. Cy3 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myeloperoxidase antibody - Carboxyterminal end (ab65871)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Myeloperoxidase using ab65871.

Myeloperoxidase was detected in paraffin-embedded section of mouse spleen tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/mL ab65871 overnight at 4°C. Cy3 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myeloperoxidase antibody - Carboxyterminal end (ab65871)

This image shows human ovary tissue stained with ab65871 at 1µg/ml.

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