

Product datasheet

Anti-Hemopexin antibody [EPR5610] ab124935

重组 RabMAb

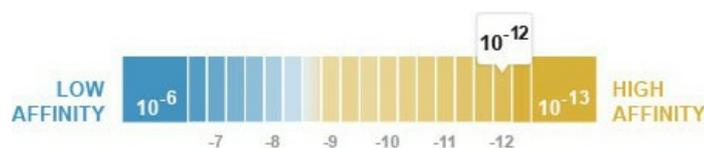
★★★★★ 2 Abreviews 5 图像

概述

| | |
|--------------|--|
| 产品名称 | Anti-Hemopexin抗体[EPR5610] |
| 描述 | 兔单克隆抗体[EPR5610] to Hemopexin |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: Flow Cyt, WB, IP, IHC-P, ICC/IF |
| 种属反应性 | 与反应: Human 不与反应: Mouse, Rat |
| 免疫原 | Synthetic peptide within Human Hemopexin aa 400-500. The exact sequence is proprietary. |
| 阳性对照 | WB: Human fetal liver and plasma lysates. IHC-P: Human liver tissue. Flow Cyt: HepG2 cells. |
| 常规说明 | Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents This product is a recombinant rabbit monoclonal antibody. |

性能

| | |
|-----------------------------|--|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| 解离常数 (K_D) | K _D = 8.30 x 10 ⁻¹² M |



[Learn more about K_D](#)

| | |
|-------------|--|
| 存储溶液 | pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant |
| 纯度 | Tissue culture supernatant |
| 克隆 | 单克隆 |
| 克隆编号 | EPR5610 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab124935** in the following tested applications.

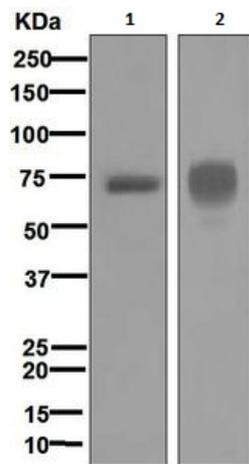
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|----------|-------|---|
| Flow Cyt | | 1/200. |
| WB | ★★★★★ | 1/10000 - 1/50000. Detects a band of approximately 70-75 kDa (predicted molecular weight: 52 kDa). |
| IP | | 1/10 - 1/100. |
| IHC-P | ★★★★★ | 1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| ICC/IF | | 1/100 - 1/250. |

靶标

| | |
|-------|---|
| 功能 | Binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation. |
| 组织特异性 | Expressed by the liver and secreted in plasma. |
| 序列相似性 | Belongs to the hemopexin family. Contains 5 hemopexin-like domains. |
| 翻译后修饰 | N- and O-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans. |
| 细胞定位 | Secreted. |

图片



Western blot - Anti-Hemopexin antibody [EPR5610] (ab124935)

All lanes : Anti-Hemopexin antibody [EPR5610] (ab124935) at 1/10000 dilution

Lane 1 : Fetal liver lysate

Lane 2 : Human plasma lysate

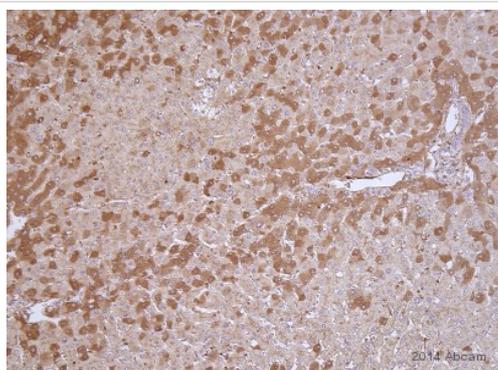
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled Goat anti Rabbit IgG at 1/2000 dilution

Predicted band size: 52 kDa

Observed band size: 70-75 kDa



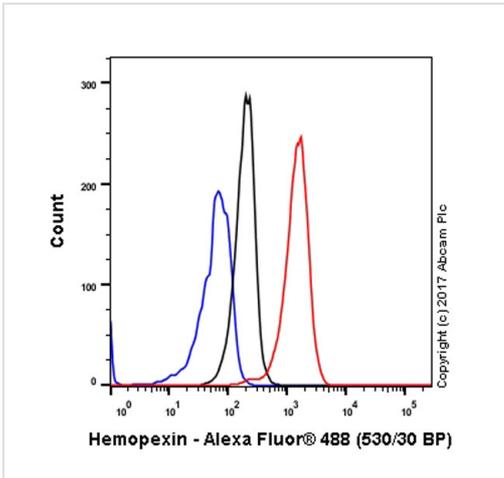
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hemopexin antibody [EPR5610] (ab124935)

This image is courtesy of an Abreview submitted by Steffen Rickelt

ab124935 staining Hemopexin in human liver tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde, permeabilized with 0.2% Triton X-100 in PBS and blocked with 5% milk for 30 minutes at room temperature; antigen retrieval was by heat mediation in Tris pH 9.0.

Samples were incubated with primary antibody (1/200 in PBS) for 16 hours at 4°C.

An undiluted Biotin-conjugated goat anti-rabbit IgG polyclonal was used as the secondary antibody.



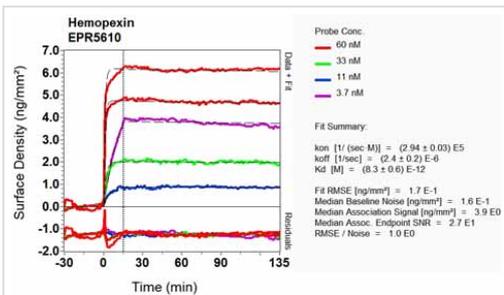
Flow Cytometry - Anti-Hemopexin antibody
[EPR5610] (ab124935)

Flow cytometry analysis of HepG2 (Human hepatocellular carcinoma epithelial cell) cells labeling Hemopexin (red) with ab124935 at a 1/200 dilution. Cells were fixed with 4% paraformaldehyde and permeabilized with 90% methanol. A goat anti-rabbit IgG (Alexa Fluor® 488) (ab150077) was used as the secondary antibody at a 1/2000 dilution. Black - Rabbit monoclonal IgG (Black) (ab172730). Blue (unlabeled control) - Cell without incubation with primary antibody and secondary antibody (Blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hemopexin antibody
[EPR5610] (ab124935)

ab124935, at 1/250 dilution, staining Hemopexin in paraffin-embedded Human liver tissue by Immunohistochemistry.



Other - Anti-Hemopexin antibody [EPR5610]
(ab124935)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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