

Anti-MRP1 antibody [EPR4658(2)] - C-terminal ab180960

敲除验证
重组
RabMAb

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概述

产品名称	Anti-MRP1抗体[EPR4658(2)] - C-terminal
描述	兔单克隆抗体[EPR4658(2)] to MRP1 - C-terminal
宿主	Rabbit
经测试应用	适用于: WB
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	A431: HeLa and A549 cell lysates
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR4658(2)
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab180960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		1/1000 - 1/10000. Predicted molecular weight: 171 kDa.

靶标

功能

Mediates export of organic anions and drugs from the cytoplasm. Mediates ATP-dependent transport of glutathione and glutathione conjugates, leukotriene C4, estradiol-17-beta-o-glucuronide, methotrexate, antiviral drugs and other xenobiotics. Confers resistance to anticancer drugs. Hydrolyzes ATP with low efficiency.

组织特异性

Lung, testis and peripheral blood mononuclear cells.

序列相似性

Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily.

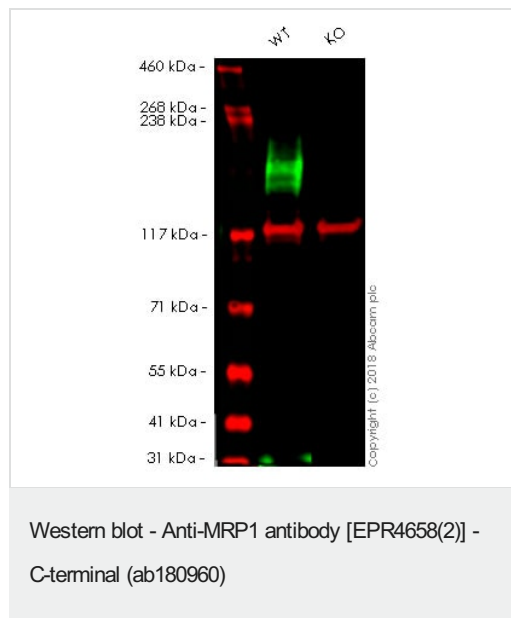
Contains 2 ABC transmembrane type-1 domains.

Contains 2 ABC transporter domains.

细胞定位

Cell membrane.

图片



All lanes : Anti-MRP1 antibody [EPR4658(2)] - C-terminal (ab180960) at 1/1000 dilution

Lane 1 : Wild-type A549 (Human lung carcinoma cell line) whole cell lysate

Lane 2 : ABCC1 knockout A549 (Human lung carcinoma cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

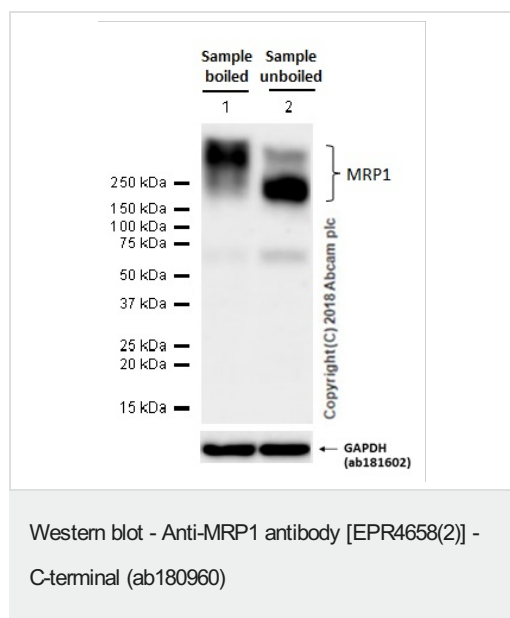
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/20000 dilution

Performed under reducing conditions.

Predicted band size: 171 kDa

Lanes 1 - 2: Merged signal (red and green). Green - ab180960 observed at 170 kDa. Red - loading control, [ab130007](#), observed at 130 kDa.

ab180960 was shown to specifically react with ABCC1 in wild-type A549 cells as signal was lost in ABCC1 knockout cells. Wild-type and ABCC1 knockout samples were subjected to SDS-PAGE. The membrane was blocked with 3% Milk. Ab180960 and [ab130007](#) (Mouse anti-Vinculin loading control) were incubated overnight at 4°C at 1/1000 dilution and 1/1000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed [ab216773](#) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed [ab216776](#) secondary antibodies at 1/20000 dilution for 1 hour at room temperature before imaging



All lanes : Anti-MRP1 antibody [EPR4658(2)] - C-terminal (ab180960) at 1/1000 dilution

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate (boiled)

Lane 2 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

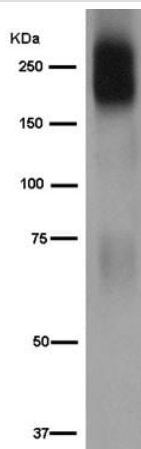
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 171 kDa

Exposure time: 20 seconds

Blocking and dilution buffer: 5% NFDm/TBST.

If there is no ideal result on boiled sample, we suggest not to boil sample before loading onto the gel.



Western blot - Anti-MRP1 antibody [EPR4658(2)] - C-terminal (ab180960)

Anti-MRP1 antibody [EPR4658(2)] - C-terminal (ab180960) at 1/5000 dilution + A549 cell lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 171 kDa

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-MRP1 antibody [EPR4658(2)] - C-terminal (ab180960)

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

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