

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

KO 評価済 リコンビナント RabMAb

11 References 画像数 4

製品の概要

製品名	Anti-MRP1 antibody [EPR4658(2)] - C-terminal
製品の詳細	Rabbit monoclonal [EPR4658(2)] to MRP1 - C-terminal
由来種	Rabbit
アプリケーション	適用あり: WB
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	A431: HeLa and A549 cell lysates
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>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR4658(2)
アイソタイプ	IgG

アプリケーション

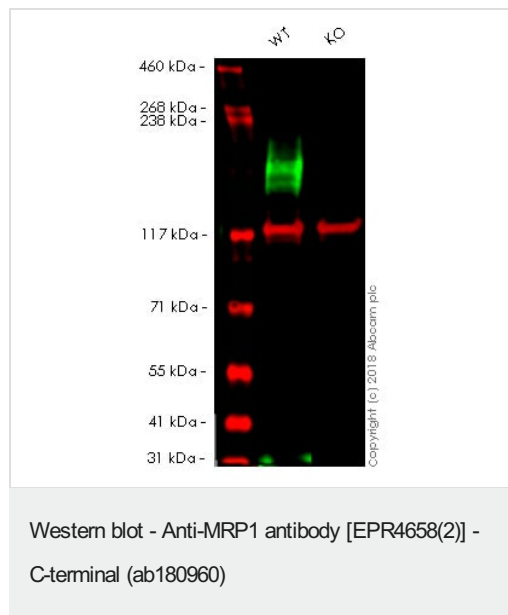
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab180960の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 171 kDa.

ターゲット情報

機能	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.
組織特異性	Lung, testis and peripheral blood mononuclear cells.
配列類似性	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.
細胞内局在	Cell membrane.

画像



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

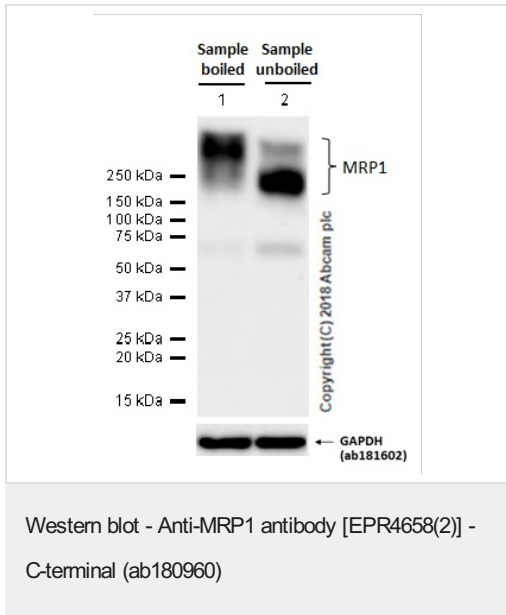
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) at 1/20000 dilution

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

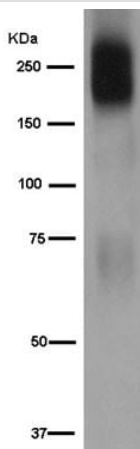
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 171 kDa

Exposure time: 20 seconds

Blocking and dilution buffer: 5% NFD/MTBST.

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



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

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

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)

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