

Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] ab181089

敲除验证
重组
RabMAb

★★★★★
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概述

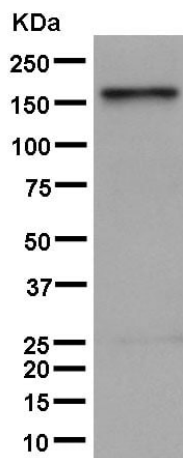
产品名称	Anti-KDM5B / PLU1 / Jarid1B抗体[EPR12704]
描述	兔单克隆抗体[EPR12704] to KDM5B / PLU1 / Jarid1B
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt (Intra) or ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: BxPC-3, MCF7, and HeLa whole cell lysate (ab150035). Mouse and rat testes tissue lysates; ICC/IF: HeLa cells; Flow Cyt (intra): HeLa cells.
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	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR12704
同种型	IgG

Abpromise™ 承诺保证使用ab181089于以下的经测试应用

Is unsuitable for Flow Cyt (Intra) or ICC/IF.



Western blot - Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089)

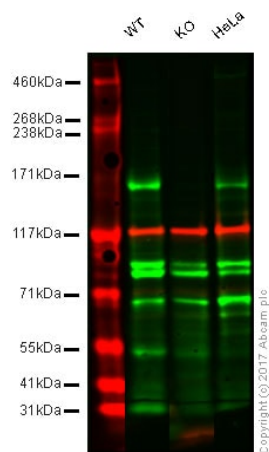
Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089) at 1/1000 dilution + MCF7 cell lysate at 20 µg

Secondary

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

Predicted band size: 175 kDa

Observed band size: 170 kDa



Western blot - Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089)

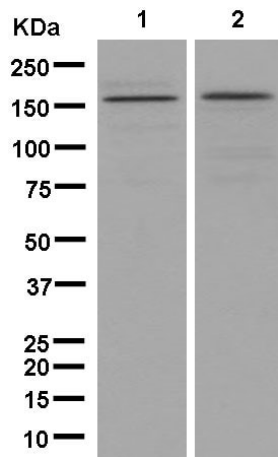
Lane 1: Wild-type HAP1 whole cell lysate (20 µg)

Lane 2: KDM5B knockout HAP1 whole cell lysate (20 µg)

Lane 3: HeLa whole cell lysate (20 µg)

Lanes 1 - 3: Merged signal (red and green). Green - ab181089 observed at 170 kDa. Red - loading control, **ab18058**, observed at 120 kDa.

ab181089 was shown to recognize KDM5B in wild-type HAP1 cells as signal was lost at the expected MW in KDM5B knockout cells. Additional cross-reactive bands were observed in the wild-type and knockout cells. Wild-type and KDM5B knockout samples were subjected to SDS-PAGE. ab181089 and **ab18058** (Mouse anti-Vinculin loading control) were incubated overnight at 4°C at 1.9 µg/ml and 1/20000 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.



Western blot - Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089)

All lanes : Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089) at 1/5000 dilution

Lane 1 : BxPC-3 cell lysate

Lane 2 : HeLa cell lysate

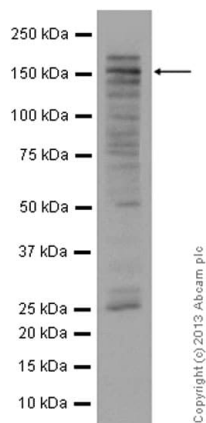
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 175 kDa

Observed band size: 170 kDa



Western blot - Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089)

Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089) at 1/1000 dilution + T47-D (human ductal carcinoma epithelia) whole cell lysate at 20 µg

Secondary

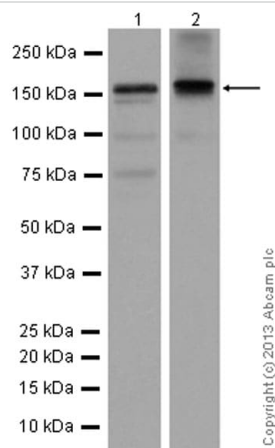
HRP-conjugated goat anti-rabbit IgG H&L at 1/1000 dilution

Predicted band size: 175 kDa

Observed band size: 170 kDa

Exposure time: 3 minutes

Blocking and dilution buffer: 5% NFDM/TBST.



Western blot - Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089)

All lanes : Anti-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089) at 1/5000 dilution

Lane 1 : Mouse testis tissue lysate

Lane 2 : Rat testis tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : HRP-conjugated goat anti-rabbit IgG H&L at 1/1000 dilution

Predicted band size: 175 kDa

Observed band size: 170 kDa

Exposure time: 3 minutes

Blocking and dilution buffer: 5% NFDM/TBST.

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-KDM5B / PLU1 / Jarid1B antibody [EPR12704] (ab181089)

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