


Anti-MVP antibody [EPR13226(B)] ab177145

敲除验证
重组
RabMAb

3 图像

概述

产品名称	Anti-MVP抗体[EPR13226(B)]
描述	兔单克隆抗体[EPR13226(B)] to MVP
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF or IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide within Human MVP aa 1-100 (Cysteine residue). The exact sequence is proprietary. Database link: Q14764
阳性对照	Human spleen, Calu3 and A549 lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified

克隆	单克隆
克隆编号	EPR13226(B)
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab177145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。

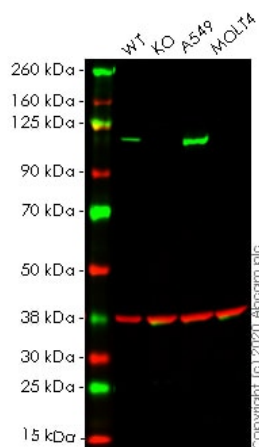
应用	Ab评论	说明
WB		1/1000 - 1/5000. Detects a band of approximately 110 kDa (predicted molecular weight: 99 kDa).

应用说明 Is unsuitable for Flow Cyt, ICC/IF or IP.

靶标

功能	Required for normal vault structure. Vaults are multi-subunit structures that may act as scaffolds for proteins involved in signal transduction. Vaults may also play a role in nucleo-cytoplasmic transport. Down-regulates INFG-mediated STAT1 signaling and subsequent activation of JAK. Down-regulates SRC activity and signaling through MAP kinases.
组织特异性	Present in most normal tissues. Higher expression observed in epithelial cells with secretory and excretory functions, as well as in cells chronically exposed to xenobiotics, such as bronchial cells and cells lining the intestine. Overexpressed in many multidrug-resistant cancer cells.
序列相似性	Contains 9 MVP (vault) repeats.
结构域	MVP 3 mediates interaction with PTEN. MVP 4 mediates interaction with PARP4.
翻译后修饰	Phosphorylated on Tyr residues after EGF stimulation. Dephosphorylated by PTPN11.
细胞定位	Cytoplasm. Nucleus > nuclear pore complex. 5% found in the nuclear pore complex. Translocates from the nucleus to the cytoplasm upon EGF treatment.

图片



Western blot - Anti-MVP antibody [EPR13226(B)]
(ab177145)

All lanes : Anti-MVP antibody [EPR13226(B)] (ab177145) at 1/1000 dilution

Lane 1 : Wild-type HeLa lysate

Lane 2 : MVP knockout HeLa lysate

Lane 3 : A549 lysate

Lane 4 : MOLT-4 lysate

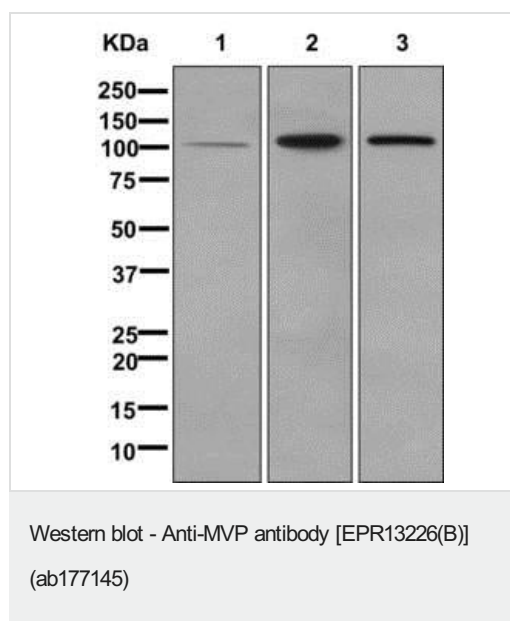
Lysates/proteins at 20 µg per lane.

Performed under reducing conditions.

Predicted band size: 99 kDa

Lanes 1-4: Merged signal (red and green). Green - ab177145 observed at 99 kDa. Red - loading control **ab8245** observed at 37 kDa.

ab177145 Anti-MVP antibody [EPR13226(B)] was shown to specifically react with MVP in wild-type HeLa cells. Loss of signal was observed when knockout cell line **ab264817** (knockout cell lysate **ab257544**) was used. Wild-type and MVP knockout samples were subjected to SDS-PAGE. ab177145 and Anti-GAPDH antibody [6C5] - Loading Control (**ab8245**) were incubated overnight at 4°C at 1 in 1000 and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



All lanes : Anti-MVP antibody [EPR13226(B)] (ab177145) at 1/1000 dilution

Lane 1 : Human spleen lysate

Lane 2 : Calu3 lysate

Lane 3 : A549 lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 99 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-MVP antibody [EPR13226(B)] (ab177145)

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

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