

Anti-MVP antibody ab97311

★★★★☆ [1 Abreviews](#) [2 References](#) [7 图像](#)

概述

产品名称	Anti-MVP抗体
描述	兔多克隆抗体to MVP
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Cow, Cat 
免疫原	Recombinant fragment corresponding to Human MVP aa 158-350. Sequence: EVV EIIQATIIRQ NQALRLRARK ECWDRDGKER VTGEEWLVTT VGAYLPAVFE EVLDLVDAMI LTEKTALHLR ARRNFRDFRG VSRRTGEEWL VTVQDTEAHV PDVHEEVLGV VPITTLGPHN YCVILDPVGP DGKNQLGQKR VVKGEKSFFL QPGEQLEQGI QDVVYLSEQQ GLLLRALQPL EEGEDEEKVS Database link: Q14764 <div style="float: right; text-align: right;">  Run BLAST with  Run BLAST with </div>

常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00

纯度	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
克隆	Immunogen affinity purified
同种型	多克隆 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab97311于以下的经测试应用

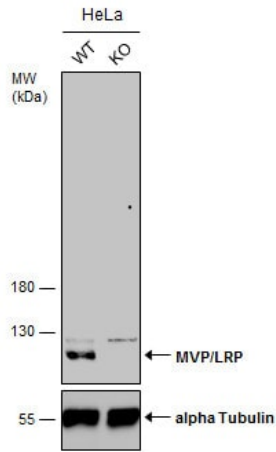
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/100 - 1/1000.
WB	★★★★★ (1)	1/500 - 1/3000. Predicted molecular weight: 99 kDa.
IHC-P		1/100 - 1/1000.

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 (ab97311)

All lanes : Anti-MVP antibody (ab97311) at 1/500 dilution

Lane 1 : WT HeLa cell extract

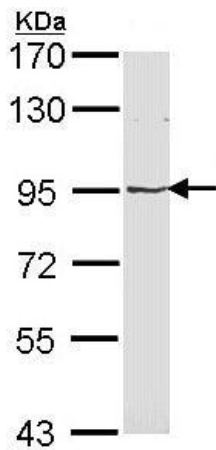
Lane 2 : MVP Knockout HeLa cell extracts

Lysates/proteins at 30 µg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG

Predicted band size: 99 kDa

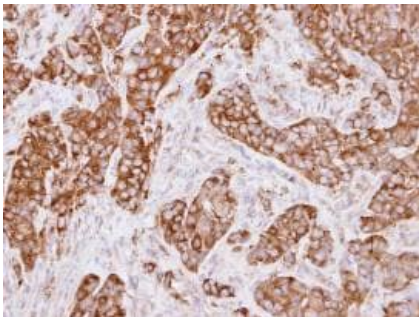


Western blot - Anti-MVP antibody (ab97311)

Anti-MVP antibody (ab97311) at 1/1000 dilution + MOLT-4 whole cell lysate at 30 µg

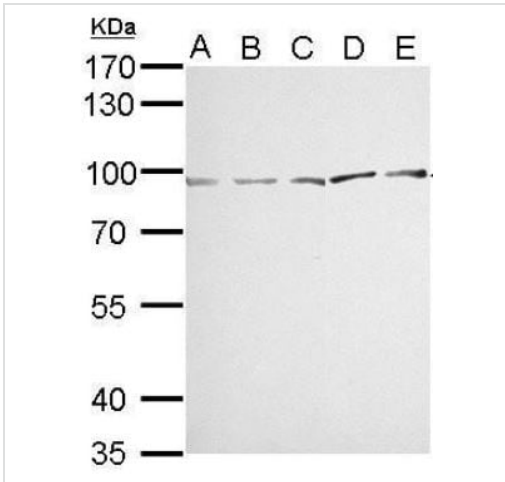
Predicted band size: 99 kDa

7.5% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MVP antibody (ab97311)

Immunohistochemical analysis of paraffin-embedded A549 xenograft using ab97311 at 1/500 dilution.



Western blot - Anti-MVP antibody (ab97311)

All lanes : Anti-MVP antibody (ab97311) at 1/1000 dilution

Lane 1 : Neuro2A whole cell lysate

Lane 2 : GL261 whole cell lysate

Lane 3 : C8D30 whole cell lysate

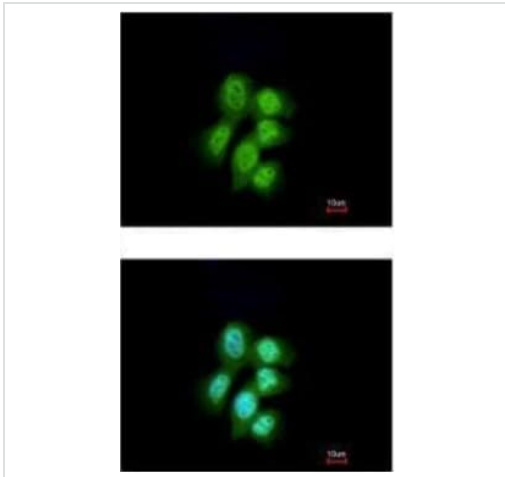
Lane 4 : BCL-1 whole cell lysate

Lane 5 : Raw264.7 whole cell lysate

Lysates/proteins at 30 µg per lane.

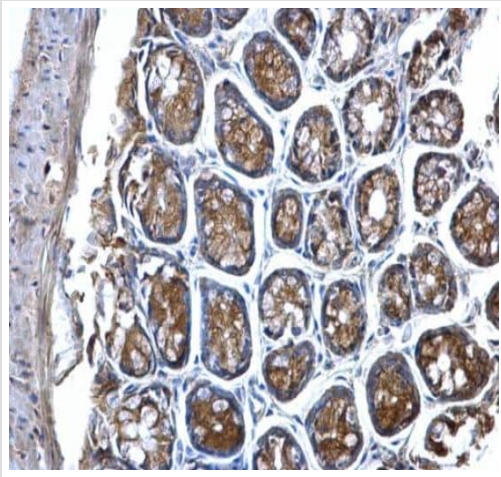
Predicted band size: 99 kDa

7.5% SDS-PAGE



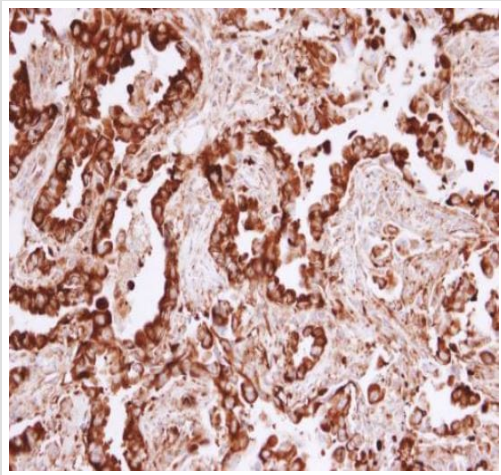
Immunocytochemistry/ Immunofluorescence - Anti-MVP antibody (ab97311)

A431 cells stained for MVP/LRP (green) using ab97311 at 1/200 dilution in ICC/IF.



Paraffin embedded mouse colon tissue stained for MVP/LRP using ab97311 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MVP antibody (ab97311)



Paraffin embedded human breast carcinoma tissue stained for MVP/LRP using ab97311 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MVP antibody (ab97311)

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