

产品名称: VASP Mouse Monoclonal Antibody
产品货号: AMM82731



产品概述 (Summary)

产品名称 (Production Name)	VASP Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human, Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	VASP
别名 (Alternative Names)	VASP
基因 ID (Gene ID)	7408.0
蛋白 ID (SwissProt ID)	P50552.Purified recombinant fragment of human VASP (AA: 1-380) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	39.8kDa

研究背景 (Background)

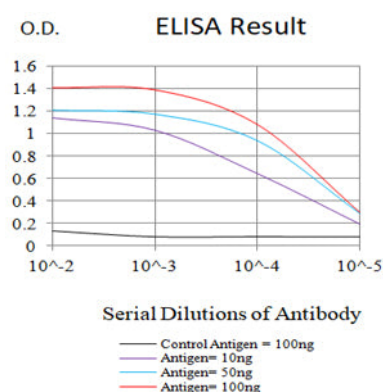
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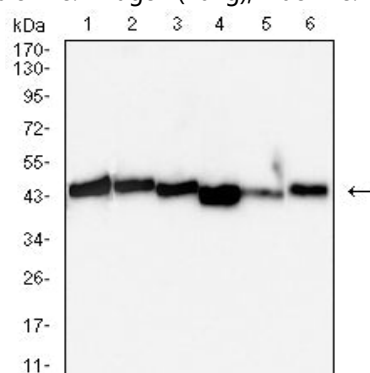
Vasodilator-stimulated phosphoprotein (VASP) is a member of the Ena-VASP protein family. Ena-VASP family members contain an EHV1 N-terminal domain that binds proteins containing E/DFPPPPXD/E motifs and targets Ena-VASP proteins to focal adhesions. In the mid-region of the protein, family members have a proline-rich domain that binds SH3 and WW domain-containing proteins. Their C-terminal EVH2 domain mediates tetramerization and binds both G and F actin. VASP is associated with filamentous actin formation and likely plays a widespread role in cell adhesion and motility. VASP may also be involved in the intracellular signaling pathways that regulate integrin-extracellular matrix interactions. VASP is regulated by the cyclic nucleotide-dependent kinases PKA and PKG. [provided by RefSeq, Jul 2008]

研究领域 (Research Area)

图片 (Image Data)

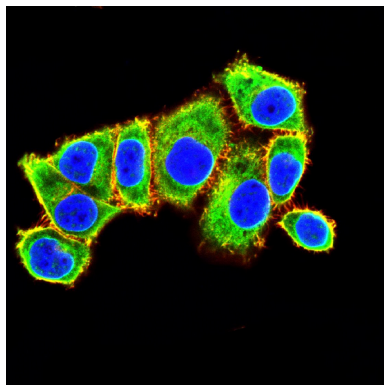


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

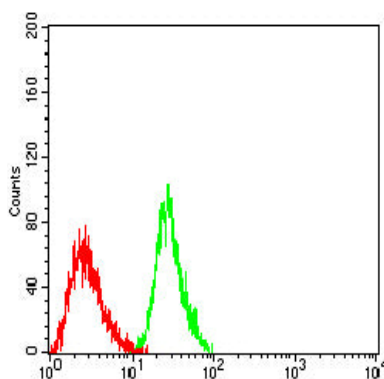


Western blot analysis using VASP mouse mAb against THP-1 (1), HepG2 (2), Hela (3), HT-29 (4), MCF-7 (5), A549 (6), and COS-7 (7) cell lysate.

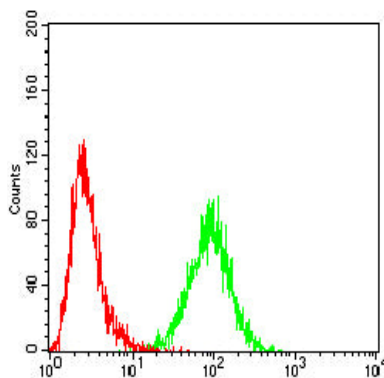
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Immunofluorescence analysis of HeLa cells using VASP mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

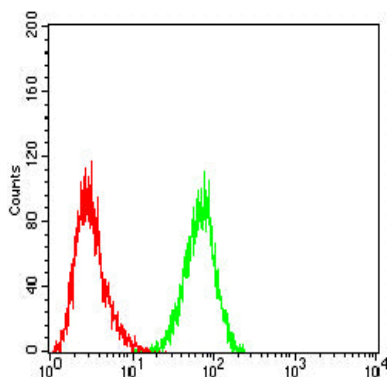


Flow cytometric analysis of MOLT4 cells using VASP mouse mAb (green) and negative control (red).

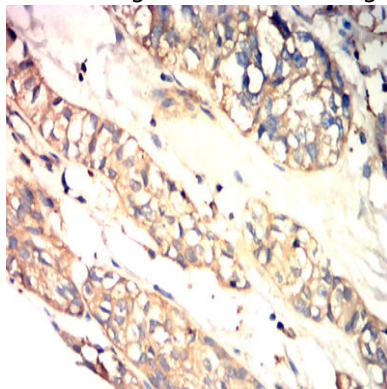


Flow cytometric analysis of THP-1 cells using VASP mouse mAb (green) and negative control (red).

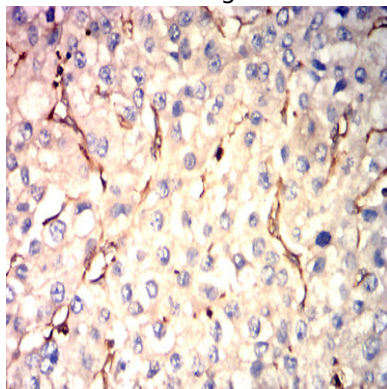
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Flow cytometric analysis of HL-60 cells using VASP mouse mAb (green) and negative control (red).

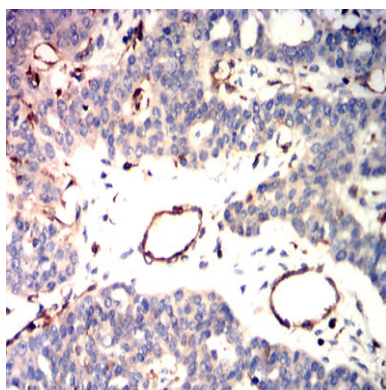


Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using VASP mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using VASP mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using VASP mouse mAb with DAB staining.

注意事项 (Note)

For research use only .