

## VASP monoclonal antibody

Catalog: MB23248

Host: Mouse

Reactivity: Human

### BackGround:

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 pro-line-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]

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

39.8kDa

### Swiss-Prot:

P50552

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

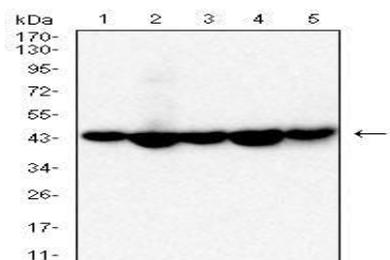
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

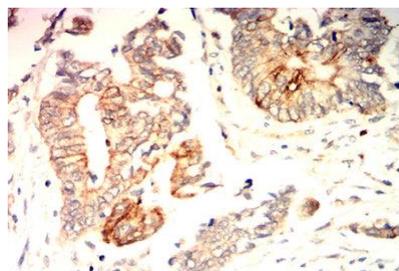
### Isotype:

Mouse IgG1

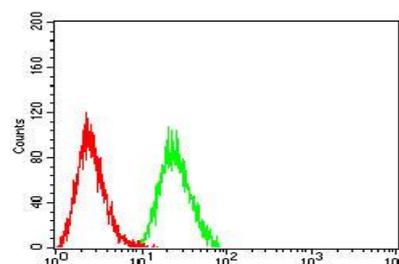
### DATA:



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



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



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

### Note:

For research use only, not for use in diagnostic procedure.

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