

VASP monoclonal antibody, clone IE273

Catalog # MAB16120 Size 50 ug

Specification

Product Description	Mouse monoclonal antibody raised against human VASP.
Immunogen	Purified human VASP.
Host	Mouse
Reactivity	Bovine, Human, Pig, Rabbit, Sheep
Specificity	Recognizes both the Ser157 dephosphorylated and Ser157 phosphorylated form of VASP.
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Immunocytochemistry (1:100-500) Western Blot (1:2000-50000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2 mg/mL BSA, 0.02% sodium azide).
Storage Instruction	For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry

Gene Info — VASP

Entrez GeneID [7408](#)

Protein Accession# [P50552](#)

Gene Name VASP

Gene Alias -

Gene Description vasodilator-stimulated phosphoprotein

Omim ID [601703](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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/D FPPPPXD/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]

Other Designations -

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)