Mouse VASP Monoclonal Antibody | anti-VASP antibody

VASP antibody

CATALOG #	HOST	APPLICATIONS
AAA108001	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

VASP; Monoclonal Antibody; VASP antibody; Monoclonal VASP; Anti-VASP; Vasodilator-stimulated phosphoprotein; anti-VASP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4D6
Purity/Purification	VASP antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	380
Applicable Applications for anti-VASP antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Vasodilator-stimulated phosphoprotein (VASP) is a member of the Ena-VASP protein family. Ena-VASP family memberscontain 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 WWdomain-containing proteins. Their C-terminal EVH2 domain mediates tetramerization and binds both G and F actin. VASPis associated with filamentous actin formation and likely plays a widespread role in cell adhesion and motility.
Cross-Reactivity	Human, Rat
Immunogen	VASP antibody was raised in mouse using a full length recombinant protein of human VASP (NP_003361) produced in 293T Cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant VASP protein using VASP antibody

IHC (Immunohistochemisry)
Immunohistochemical analysis of VASP protein in paraffin embedded Human liver tissue using VASP antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant VASP protein (Right) or empty vector (Left) detected with VASP antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant VASP protein (red) or empty vector (blue) stained using VASP antibody

ADDITIONAL INFORMATION

Related Product Information for anti-VASP antibody	Mouse monoclonal VASP antibody
Product Categories/Family for anti-VASP antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507869
NCBI GeneID	7408
NCBI Accession #	NP_003361.1
NCBI GenBank Nucleotide #	NM_003370.3
Molecular Weight	39,830 Da
NCBI Official Full Name	vasodilator-stimulated phosphoprotein
NCBI Official Synonym Full Names	vasodilator-stimulated phosphoprotein
NCBI Official Symbol	VASP
NCBI Protein Information	vasodilator-stimulated phosphoprotein
UniProt Protein Name	Vasodilator-stimulated phosphoprotein
UniProt Gene Name	**VASP**
UniProt Synonym Gene Names	VASP
UniProt Entry Name	VASP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/vasp-antibody-clone-4d6-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/108001