

Mouse Vinculin Monoclonal Antibody | anti-VCL antibody

Anti-Vinculin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA249031	Mouse	Human, Rat, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

Vinculin; Monoclonal Antibody; Anti-Vinculin Antibody; CMD1W; Metavinculin; MVCL; VCL; anti-VCL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G Purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	1066
Applicable Applications for anti-VCL antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA
Immunogen	Vinculin
Preparation and Storage	Store at -20 degree C for 24 months. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

hela lysates were subjected to SDS PAGE followed by western blot with AAA249031 (Vinculin Antibody) at dilution of 1:5000


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using AAA249031 (Vinculin Antibody) at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-VCL antibody	Vinculin belongs to the vinculin/alpha-catenin family. It is an actin filament(F-actin)-binding protein which involved in cell-matrix adhesion and cell-cell adhesion. Vinculin regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. It may also play important roles in cell morphology and locomotion. Vinculin is a 117-kDa, 1,066-amino-acid protein which is ubiquitously expressed. Its splice variant, metavinculin(124 kDa), is muscle-specific.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507877
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NCBI GeneID	7414
NCBI Accession #	NP_003364.1
NCBI GenBank Nucleotide #	NM_003373.3
UniProt Accession #	P18206
NCBI Official Full Name	vinculin isoform VCL
NCBI Official Synonym Full Names	vinculin
NCBI Official Symbol	VCL
NCBI Official Synonym Symbols	MV; MVCL; CMD1W; CMH15; HEL114
NCBI Protein Information	vinculin
UniProt Protein Name	Vinculin
UniProt Gene Name	VCL
UniProt Synonym Gene Names	MV
UniProt Entry Name	VINC_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/vinculin-antibody-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/249031>