

Rabbit Vinculin Monoclonal Antibody | anti-VCL antibody

Recombinant Vinculin Monoclonal Antibody

CATALOG # AAA178888	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Vinculin; Monoclonal Antibody; Recombinant Vinculin Monoclonal Antibody; CMD1W; CMH15; Epididymis luminal protein 114; HEL114; Metavinculin; MV; MVCL; OTTHUMP00000019861; OTTHUMP00000019862; VCL; VINC; anti-VCL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R09-1F3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-VCL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Vinculin
Research Area	Cancer, Cardiovascular, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Vinculin in paraffin-embedded Human breast cancer tissue using Vinculin Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of Vinculin in K562, C6, 3T3, HeLa cell lysates using Vinculin Rabbit mAb(1:1000 diluted). Predicted band size: 124kDa. Observed band size: 124kDa.

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 is cytoskeletal protein associated with cell-cell and cell-matrix junctions. Vinculin regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. It plays an important role in cell morphology and locomotion.
Product Categories/Family for anti-VCL antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507877
NCBI GeneID	7414
NCBI Accession #	NP_003364.1
NCBI GenBank Nucleotide #	NM_003373.3
UniProt Accession #	P18206; Q16450; Q5SWX2; Q7Z3B8; Q8IXU7
Molecular Weight	123,799 Da
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
NCBI Protein Information	vinculin; metavinculin
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-clone-r09-1f3-immunohistochemistry-western-blot-elisa/178888>