

Mouse VE Cadherin Monoclonal Antibody | anti-VE antibody

VE Cadherin antibody

CATALOG #	HOST	APPLICATIONS
AAA106745	Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

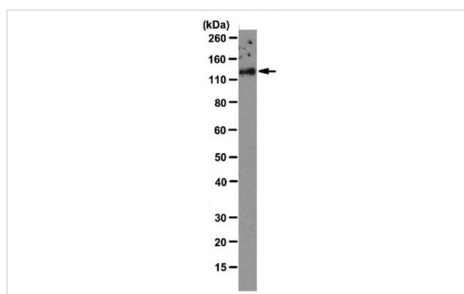
PRODUCT SYNONYMS

VE Cadherin; Monoclonal Antibody; VE Cadherin antibody; Monoclonal VE Cadherin; Anti-VE Cadherin; VE-Cadherin; Vascular Endothelial; anti-VE antibody

PRODUCT SPECIFICATIONS

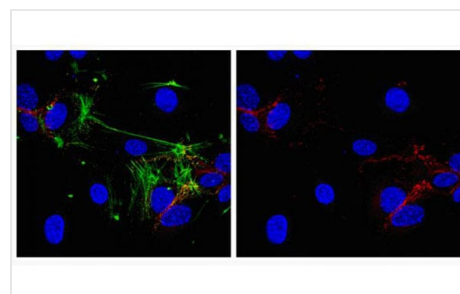
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	BV6
Specificity	Human
Purity/Purification	VE Cadherin antibody was purified using Protein G affinity chromatography.
Form/Format	Supplied in liquid form in 0.1 M Tris-Glycine (pH 7.4), 150 mM NaCl with 0.05% sodium azide.
Concentration	500 ug/ml (varies by lot)
Sequence Length	784
Applicable Applications for anti-VE antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	Human Vascular Endothelial (VE)-cadherin is a calcium-dependent adhesion molecule strictly located at cell to cell junctions. VE-cadherin is present in all types of endothelium (veins, arteries, capillary and large vessels). Specificity determined by immunoprecipitation from a detergent extract of biotinylated cells. Antibody binding requires Ca ⁺⁺ .
Expression System	293 cells
Immunogen	VE Cadherin antibody was raised in Mouse using HUVEC cells as the immunogen.
Preparation and Storage	Stable for 1 year at 2-8 degree C from date of receipt.

IMAGES



WB (Western Blot)

HUVEC cell lysate was probed with VE-cadherin antibody (1/2000 dilution).



ICC (Immunocytochemistry)

Confocal fluorescent analysis of HUVEC cells using Anti-VE-cadherin (Red). Actin filaments have been labeled with Alexa Fluor488 dye -Phalloidin (Green). Nucleus is stained with DAPI (Blue). This antibody positively stains the cell membrane.

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	599834
NCBI GeneID	1003
UniProt Accession #	P33151; Q4VAI5; Q4VAI6
Molecular Weight	74,499 Da
NCBI Official Full Name	VE-cadherin
NCBI Official Synonym Full Names	cadherin 5, type 2 (vascular endothelium)
NCBI Official Symbol	CDH5
NCBI Official Synonym Symbols	7B4; CD144
NCBI Protein Information	cadherin-5
UniProt Protein Name	Cadherin-5
UniProt Gene Name	CDH5
UniProt Synonym Gene Names	VE-cadherin
UniProt Entry Name	CADH5_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/ve-cadherin-antibody-clone-bv6-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/106745>