

Mouse anti-Human CD144/CDH5/VE Cadherin Monoclonal Antibody | anti-CDH5 antibody

Anti-CD144/CDH5/VE Cadherin Antibody (clone 16B1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162233	Mouse	Human	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

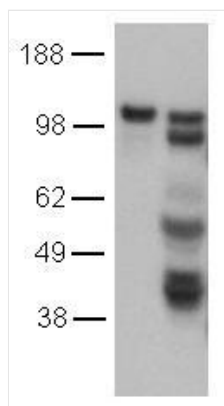
PRODUCT SYNONYMS

CD144/CDH5/VE Cadherin; Monoclonal Antibody; Anti-CD144/CDH5/VE Cadherin Antibody (clone 16B1); Mouse Monoclonal [clone 16B1] (IgG1) to Human CD144/CDH5/VE Cadherin; CDH5; 7B4; 7B4 antigen; CD144; Cadherin-5; Endothelial-specific cadherin; Vascular endothelial cadherin; VE-cadherin; VEC; CD144 antigen; VE Cadherin; anti-CDH5 antibody

PRODUCT SPECIFICATIONS

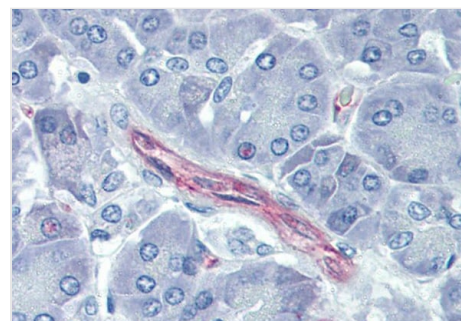
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	16B1
Purity/Purification	Affinity Purified
Form/Format	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer.
Sequence Length	784
Applicable Applications for anti-CDH5 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Human CDH5
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C. Do not freeze.

IMAGES



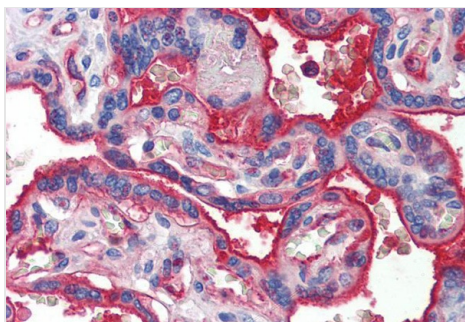
WB (Western Blot)

EDTA-passaged (left) and Trypsin-passaged (right) Human Umbilical Vein Endothelial Cells (HUVEC) were lysed, and lysates were loaded at 1x10⁵ cells/lane, probed with 2 ug/mL purified 16B1 and revealed with HRP anti-rat IgG.



IHC (Immunohistochemistry)

Anti-VE Cadherin antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.



IHC (Immunohistochemistry)

Anti-VE Cadherin antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH5 antibody	Cadherins are calcium-dependent cell adhesion proteins. they preferentially interact with themselves in a homophilic manner inconnecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play a important role inendothelial cell biology through control of the cohesion and organization of the intercellular junctions. It associates with alpha-catenin forming a link to the cytoskeleton.
Product Categories/Family for anti-CDH5 antibody	Cadherin

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362713
NCBI GeneID	1003
NCBI Accession #	NP_001786.2
NCBI GenBank Nucleotide #	NM_001795.4
UniProt Accession #	P33151 ; Q4VAI5 ; Q4VAI6
Molecular Weight	74,499 Da
NCBI Official Full Name	cadherin-5 preproprotein
NCBI Official Synonym Full Names	cadherin 5
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

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/cd144-cdh5-ve-cadherin-antibody-clone-16b1-western-blot-immunohistochemistry-flow-cytometry-elisa/162233>