

Rabbit anti-Human VE Cadherin Polyclonal Antibody | anti-CDH5 antibody

VE Cadherin Antibody (CDH5) (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284584	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

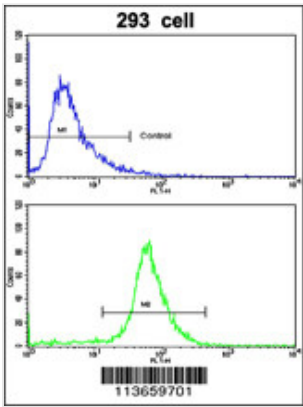
PRODUCT SYNONYMS

VE Cadherin; Polyclonal Antibody; VE Cadherin Antibody (CDH5) (N-term); Cadherin-5; 7B4 antigen; Vascular endothelial cadherin; VE-cadherin; CD144; CDH5; anti-CDH5 antibody

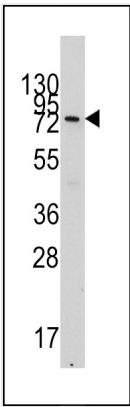
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VE Cadherin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-134 amino acids from the N-terminal region of human VE Cadherin.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	106-134
Sequence Length	784
Applicable Applications for anti-CDH5 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of 293 cells using VE Cadherin Antibody (CDH5) (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of anti-CDH5 Pab in 293 cell line lysates (35ug/lane). CDH5(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH5 antibody	CDH5 is a classical cadherin from the cadherin superfamily and is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. It is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classic cadherin by imparting to cells the ability to adhere in a homophilic manner, the protein may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions.
Product Categories/Family for anti-CDH5 antibody	Cancer; Cardiovascular; Signal transduction
References	Breviario F.,Arterioscler. Thromb. Vasc. Biol. 15:1229-1239(1995) Ali J.,Microcirculation 4:267-277(1997) Suzuki S.,Cell Regul. 2:261-270(1991)

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362713
NCBI GeneID	1003
NCBI Accession #	NP_001786.2
NCBI GenBank Nucleotide #	NM_001795.3
UniProt Accession #	P33151; Q4VAI5; Q4VAI6
Molecular Weight	87528
NCBI Official Full Name	cadherin-5 preproprotein
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/ve-cadherin-antibody-flow-cytometry-western-blot-elisa/284584>