



Anti-CDH5 (aa 1-258) polyclonal antibody [FITC] (CPBT-66515RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit anti Human CD144 antibody recognizes human CD144 (also known as VE-cadherin), a 130KDa cell surface glycoprotein expressed by endothelial cells. The antibody does not cross react with N-cadherin, which is also expressed by endothelial cells. Rabbit anti Human CD144 antibody is reported to block adhesive properties of VE-cadherin. Flow Cytometry Use 10 ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CDH5
Immunogen	Recombinant protein fragments corresponding to amino acids 1-258 of VE-cadherin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Bovine, Mouse, Rat
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CDH5 cadherin 5, type 2 (vascular endothelium) [Homo sapiens (human)]
Official Symbol	CDH5
Synonyms	CDH5; cadherin 5, type 2 (vascular endothelium); 7B4; CD144; cadherin-5; 7B4 antigen; VE-cadherin; cd144 antigen; endothelial-specific cadherin; vascular endothelial cadherin; cadherin 5, type 2, VE-cadherin (vascular epithelium);
Entrez Gene ID	1003
Protein Refseq	NP_001786
UniProt ID	P33151
Chromosome Location	16q22.1
Pathway	Adherens junctions interactions; Cell adhesion molecules (CAMs); Cell junction organization; Cell-Cell communication; Cell-cell junction organization; Leukocyte transendothelial migration; S1P2 pathway; Signal Transduction;
Function	beta-catenin binding; calcium ion binding; ion channel binding; protein binding; protein phosphatase binding; receptor binding;