

## VE Cadherin Antibody FITC Conjugated

Catalog No: #C00479F

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## Description

Product Name	VE Cadherin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 621-660 784 derived from mouse Vascular endolial cell cadherin
Conjugates	FITC
Target Name	VE Cadherin
Other Names	7B4; Vec; VECD; Cd144; VEcad; VE-Cad; AA48225; Cadherin-5; Vascular endothelial cadherin; VE-cadherin; Cdh5
Accession No.	Swiss-Prot#P55284NCBI Gene ID12562
Uniprot	P55284
GeneID	12562;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

Flow-Cyt=1:50-200 ICC=1:50-200 IF=1:50-200

## Background

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. Acts in concert with KRIT1 to establish and maintain correct endothelial cell polarity and vascular lumen. These effects are mediated by recruitment and activation of the Par polarity complex and RAP1B. Required for activation of PRKCZ and for localization of phosphorylated PRKCZ, PARD3, TIAM1 and RAP1B to the cell junction.

Note: This product is for in vitro research use only