

Datasheet for ABIN7146233

anti-Cadherin 5 antibody (AA 349-569) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Cadherin 5 (CDH5)
Binding Specificity:	AA 349-569
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 5 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Cadherin-5 protein (349-569AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Cadherin 5 (CDH5)
Alternative Name:	CDH5 (CDH5 Products)
Background:	Background: Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells, cadherins may thus

Target Details

contribute to the sorting of heterogeneous cell types. This cadherin may play a important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. It associates with alpha-catenin forming a link to the cytoskeleton. 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 the localization of phosphorylated PRKCZ, PARD3, TIAM1 and RAP1B to the cell junction.

Aliases: 7B 4 antibody, 7B4 antibody, 7B4 antigen antibody, CADH5_HUMAN antibody, Cadherin 5 antibody, Cadherin 5 type 2 antibody, Cadherin 5, type 2 (vascular endothelium) antibody, Cadherin 5, type 2, VE cadherin (vascular epithelium) antibody, cadherin, vascular endothelial antibody, cadherin, vascular endothelial, 1 antibody, Cadherin-5 antibody, Cadherin5 antibody, CD 144 antibody, CD144 antibody, CD144 antigen antibody, CDH 5 antibody, CDH5 antibody, CDH5 protein antibody, Endothelial specific cadherin antibody, FLJ17376 antibody, OTTHUMP00000174777 antibody, Vascular endothelial cadherin antibody, Vascular epithelium cadherin antibody, VE Cad antibody, VE-cadherin antibody, VEC antibody

UniProt: [P33151](#)

Pathways: [Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.