

Anti-VE-Cadherin CDH5 Antibody Picoband® HRP Conjugated

Catalog Number: A02632-1-HRP

About CDH5

CDH5 (Cadherin 5), also known as VE-cadherin, is a type of cadherin. It is encoded by the human gene CDH5. This gene is mapped to 16q22.1 using somatic cell hybrid panels. 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. Therefore it was concluded that VE-cadherin serves the purpose of maintaining newly formed vessels.

Overview

Product Name	Anti-VE-Cadherin CDH5 Antibody Picoband® HRP Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P33151

Technical Details

Immunogen	E. coli-derived human VE Cadherin recombinant protein (Position: D48-R272).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

5 Publications Citing This Product

1. PubMed ID: 10.1089/scd.2019.0198, The Regulatory Effect of VEGF-Ax on Rat Bone Marrow Mesenchymal Stem Cells Angioblastic Differentiation and Its Proangiogenic Ability

2. PubMed ID: 33505583, Chen H,Chen B,Li B,Luo X,Wu H,Zhang C,Liu J,Jiang J,Zhao B. Gastrodin Promotes the Survival of Random-Pattern Skin Flaps via Autophagy Flux Stimulation. Oxid Med Cell Longev. 2021 Jan 9;2021:6611668.doi:10.1155/2021/6611668.PMID:33505583;PMCID:PMC7811417.

3. PubMed ID: 33044023, Li J,Chen H,Lou J,Bao G,Wu C,Lou Z,Wang X,Ding J,Li Z,Xiao J,Xu H,Gao W,Zhou K.Exenatide improves random-pattern skin flap survival via TFE3 mediated autophagy augment.J Cell Physiol.2020 Oct 12.doi:10.1002/jcp.30102.Epub ahead of print.PMID:33044023.

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