

## Anti-VE-Cadherin Cdh5-Antibody Picoband® Biotin Conjugated

Catalog Number: A02632-2-Biotin

### 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® Biotin Conjugated
Reactive Species	Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P55284

### Technical Details

Immunogen	E. coli-derived mouse VE Cadherin recombinant protein (Position: D46-E285).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

### 12 Publications Citing This Product

1. PubMed ID: 10.3389/fphar.2018.01178, Salvianolic Acid B Promotes the Survival of Random-Pattern Skin Flaps in Rats by Inducing Autophagy
2. PubMed ID: 10.7150/ijbs.29009, Metformin Promotes the Survival of Random-Pattern Skin Flaps by Inducing Autophagy via the AMPK-mTOR-TFEB signaling pathway
3. PubMed ID: 10.3389/fphar.2020.612932, Butylphthalide Inhibits Autophagy and Promotes Multiterritory Perforator Flap Survival

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