

Anti-VE-Cadherin Cdh5-Antibody Picoband® Fluoro550 Conjugated

Catalog Number: A02632-2-Fluoro550

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® Fluoro550 Conjugated
Reactive Species	Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB, ELISA (Cap)). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
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	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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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