

Anti-VE-Cadherin Cdh5-Rabbit Monoclonal Antibody

Catalog Number: M02632

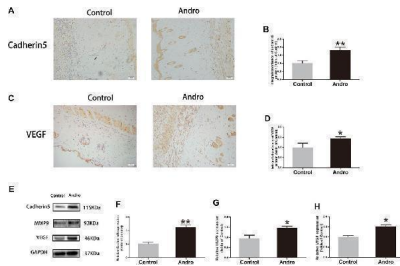
Overview

| | |
|----------------------|--|
| Product Name | Anti-VE-Cadherin Cdh5-Rabbit Monoclonal Antibody |
| Reactive Species | Mouse |
| Description | Boster Bio Anti-VE-Cadherin Cdh5-Rabbit Monoclonal Antibody catalog # M02632. Tested in WB, ICC/IF, IP applications. This antibody reacts with Mouse. |
| Application | IP, IF, ICC, WB |
| Clonality | Monoclonal IIC-3 |
| Formulation | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P55284 |

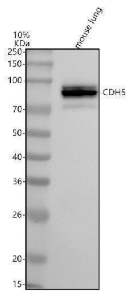
Technical Details

| | |
|---------------------|--|
| Immunogen | A synthesized peptide derived from mouse VE Cadherin |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5mg/ml |
| Purification | Affinity-chromatography |
| Suggested Dilutions | WB 1:500-2000 ICC/IF 1:50-200 IP 1:20 |

Anti-VE-Cadherin Cdh5-Rabbit Monoclonal Antibody (M02632) Images



The upregulation of angiogenesis in the skin flaps via Andro (A,C) IHC of Cadherin5 and VEGF in both groups of ischemic skin flaps (original magnification, $\times 200$; scan bar, 50 μm). (B,D) The total absorbance of Cadherin5 and VEGF in IHC. (E) The results of immunoblotting i.e., the expressions of cadherin 5, MMP9, VEGF in the control as well as Andro groups. (F-H) The quantification of Cadherin5, MMP9, and VEGF expressions in the flaps by measuring their optical densities. The obtained data were presented as means \pm SEM. Significance: * p-value < 0.05 and ** p-value < 0.01, vs. control group (n = 6 per group). Index in PubMed under a CC BY license. PMID: 33796027



Western blot analysis of Cdh5 using anti-Cdh5 antibody (M02632). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 μg of sample under reducing conditions. Lane 1: mouse lung tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Cdh5 antigen affinity purified monoclonal antibody (Catalog # M02632) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Cdh5 at approximately 88 kDa. The expected band size for Cdh5 is at 88 kDa.

1 Publications Citing This Product

1. 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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