

Anti-P-Cadherin-3 CDH3-Antibody (Monoclonal, CH-19)

Catalog Number: MA1079

About CDH3

Cadherins are calcium-dependent cell-cell adhesion molecules that mediate cell-cell binding in a homophilic manner. They play an important role in the growth and development of cells via the mechanisms of control of tissue architecture and the maintenance of tissue integrity. Cadherin expression is regulated spatially as well as temporally. Cadherins are thought to play an important role in development and maintenance of tissues through selective cell-cell adhesion activity and may be involved also in the invasion and metastasis of malignant tumors. Cadherin regulates dendritic spine morphogenesis. A cadherin gene cluster is mapped to a region of chromosome 5 subject to frequent allelic loss in carcinoma.

Overview

Product Name	Anti-P-Cadherin-3 CDH3-Antibody (Monoclonal, CH-19)
Reactive Species	Chicken, Human, Mouse, Rabbit, Rat, Snake
Description	Boster Bio Anti-P-Cadherin-3 CDH3-Antibody (Monoclonal, CH-19) catalog # MA1079. Tested in IHC, WB applications. This antibody reacts with Chicken, Human, Mouse, Rabbit, Rat, Snake.
Application	IHC, WB
Clonality	Monoclonal CH-19
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	F1LMI3

Technical Details

Immunogen	Synthetic peptide corresponding to the C-terminal amino acids of chicken N-Cadherin with an extra N-terminal lysine residue (24 amino acids) coupled to KLH.
Predicted Reactive Species	Canine, Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.

Purification	Ascites
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (Paraffin-embedded Section), 2-4ug/ml, Human, mouse, rat, rabbit, chicken, snake., By Heat</p> <p>Western blot, 1-2ug/ml, Human, mouse, rat, rabbit, chicken, snake.</p>

Anti-P-Cadherin-3 CDH3-Antibody (Monoclonal, CH-19) (MA1079) Images



Boster Kit Box

2 Publications Citing This Product

1. PubMed ID: 10.1038/s41598-017-01814-0, The neuronal K + Cl⁻ co-transporter 2 (Slc12a5) modulates insulin secretion
2. PubMed ID: 23727062, Qiu J, Zhang C, Lv Y, Zhang Y, Zhu C, Wang X, Yao W. Neurochem Int. 2013 Aug;63(2):87-92. Doi: 10.1016/J.NeuInt.2013.05.009. Epub 2013 May 28. Cdh1 Inhibits Reactive Astrocyte Proliferation After Oxygen-Glucose Deprivation And Reperfusion.

Visit bosterbio.com/anti-pan-cadherin-antibody-monoclonal-ma1079-boster.html to see all 2 publications.

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