BOSTER BIOLOGICAL TECHNOLOGY
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Anti-P-Cadherin-3 CDH3-Antibody (Monoclonal, 35C88)

Catalog Number: M03353-3

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 though 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.

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Overview

Product Name	Anti-P-Cadherin-3 CDH3-Antibody (Monoclonal, 35C88)
Reactive Species	Chicken, Human, Mouse, Rabbit, Rat, Snake
Description	Boster Bio Anti-P-Cadherin-3 CDH3-Antibody (Monoclonal, 35C88) catalog # M03353-3. Tested in IHC, WB applications. This antibody reacts with Chicken, Human, Mouse, Rabbit, Rat, Snake.
Application	IHC, WB
Clonality	Monoclonal 35C88
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
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.
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).

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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	Immunohistochemistry (Paraffin-embedded Section), 2-4ug/ml, Human, mouse, rat, rabbit, chicken, snake. Western blot, 1-2ug/ml, Human, mouse, rat, rabbit, chicken, snake.

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For Research Use Only. Not for use in diagnostic procedures.