

Anti-Catenin Gamma (Plakoglobin) Antibody (Monoclonal, 15F11)

Catalog Number: MA1012

About JUP

Junction Plakoglobin (JUP), also known as catenin gamma, is a major cytoplasmic protein that occurs in a soluble and a membrane-associated form and is the only known constituent common to the submembranous plaques of both kinds of adhering junctions, the desmosomes and the intermediate junctions. It is a component of the cadherin-catenin complex, which is predominantly localized where actin filaments anchor in adherens junctions of epithelial cells. The human plakoglobin gene localizes on chromosome 17q21. Gamma-catenin is regulated by the APC tumor suppressor and its oncogenic activity is distinct from that of beta-catenin.

Overview

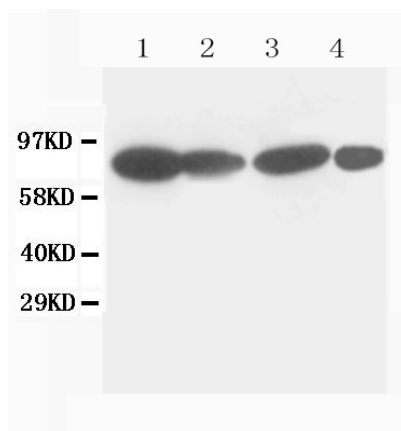
Product Name	Anti-Catenin Gamma (Plakoglobin) Antibody (Monoclonal, 15F11)
Reactive Species	Bovine, Human
Description	Mouse IgG monoclonal antibody for Catenin gamma (Plakoglobin), junction plakoglobin (JUP) detection. Tested with WB, IHC-F, ICC in Human;bovine. No cross reactivity with other proteins.
Conjugate	No
Application	IHC, ICC, WB
Clonality	Monoclonal 15F11
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	Q6P0K8

Technical Details

Immunogen	Recombinant chicken plakoglobin.
Predicted Reactive Species	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(F) and ICC.

Cross Reactivity	No cross reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Purification	Ascites
Suggested Dilutions	Immunocytochemistry , 1µg/ml, Human, bovine, - Immunohistochemistry(Frozen Section), 4µg/ml, Human, bovine, - Western blot, 2µg/ml, Human, bovine For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-Catenin Gamma (Plakoglobin) Antibody (Monoclonal, 15F11) (MA1012) Images



Anti-Catenin gamma(Plakoglobin) antibody (monoclonal), MA1012, Western blotting
Lane 1: MCF-7 Cell Lysate
Lane 2: HELA Cell Lysate
Lane 3: MM231 Cell Lysate
Lane 4: HT1080 Cell Lysate

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