BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Catenin Gamma (Plakoglobin) Jup Antibody (Monoclonal, 35J59)

Catalog Number: M01901-4

About Jup

Junction Plakoglobin (JUP) ,also knows 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.

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Overview

Product Name	Anti-Catenin Gamma (Plakoglobin) Jup Antibody (Monoclonal, 35J59)
Reactive Species	Bovine, Human
Description	Boster Bio Anti-Catenin Gamma (Plakoglobin) Jup Antibody (Monoclonal, 35J59) catalog # M01901-4. Tested in IHC, ICC, WB applications. This antibody reacts with Bovine, Human.
Application	IHC, ICC, WB
Clonality	Monoclonal 35J59
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3. 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 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	Q6P0K8

Technical Details

Immunogen	Recombinant chicken plakoglobin.

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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	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunocytochemistry , 1ug/ml, Human, bovine, - Immunohistochemistry (Frozen Section), 4ug/ml, Human, bovine, - Western blot, 1ug/ml, Human, bovine

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