



## Mouse monoclonal antibody to Catenin gamma (Plakoglobin) [CN-3]: IgG

<b>Catalogue No.:</b>	M-972-100
<b>Description:</b>	Catenin gamma, also known as Junction Plakoglobin, is a common junctional plaque protein. It is a cytoplasmic protein with soluble and membrane-associated forms. The presence of Catenin gamma in both the desmosomes and in the intermediate junctions suggests it has a role in the structure and function of submembranous plaques.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Full length recombinant protein (chicken)
<b>Clone:</b>	CN-3
<b>Other Names:</b>	Junction plakoglobin; Desmoplakin; JUP; CTNNG; DP3;
<b>Accession:</b>	P14923 PLAK_HUMAN; Q6P0K8 PLAK_RAT;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 2.0 ug/mL is recommended for WB. The predicted length of human Catenin gamma is 745 residues and a MW of 82 kDa. A concentration of 4.0 ug/mL is recommended to detect Catenin gamma in formalin/acetone fixed tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; chicken; rat
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase.

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