

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

Catalogue No.:	M-972-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Full length recombinant protein (chicken)
Clone:	CN-3
Other Names:	Junction plakoglobin; Desmoplakin; JUP; CTNNG; DP3;
Accession:	P14923 PLAK_HUMAN; Q6P0K8 PLAK_RAT;
Produced in:	Mouse
Purity:	IgG
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; chicken; rat
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase.

FOR RESEARCH USE ONLY
