

Cat. No: MABX-80096**Size:** 100 ug**Clone:** CN-3**Concentration:** 1mg/ml**Host:** Ms**Isotype:** IgG1**Immunogen:** Recombinant chicken plakoglobin.**Reactivity:** Hu, Rt, Ch**Applications:** Western blot: 2mug/ml Immunocytochemistry: 1mug/ml
Immunohistochemistry(Frozen Section): 4mug/ml**Purification:** Purified**Background:**

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.

Form: Liquid**Buffer:** Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN₃ as preservative.**Storage:** At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquoted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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