

## Gamma-catenin monoclonal antibody

Catalog: MB66888

Host: Mouse

Reactivity: Human

### BackGround:

Also known as plakoglobin, 纬-catenin is a member of the Armadillo family of signaling molecules, which includes 尾-catenin and the 聽 Drosophila 聽 protein armadillo . This family of proteins is involved in Wnt signaling, which is important in embryonic development and in tumorigenesis . Although the two vertebrate proteins 尾- and 纬-catenin display sequence homology, 纬-catenin likely plays a role distinct from that of 尾-catenin . 纬-catenin localizes to desmosomes and adherens junctions, both sites of intercellular adhesion, and interacts with the cytoplasmic domains of classical and desmosomal cadherins. Interaction of 纬- or 尾-catenin with 伪-catenin, desmoplakin and other junction proteins provides a link between intercellular junctions and the actin and intermediate filament cytoskeleton. Maintenance and/or modification of this link is vital for control of cell adhesion and migration . 纬-catenin is modified by phosphorylation, affecting both adhesion and 尾-catenin dependent transcription , and by and O-glycosylation, affecting adhesion . Recent evidence suggests that 纬-catenin regulates desmosomal adhesion in response to growth factor stimulation .

### Product:

Mouse IgG3. Supplied in crude ascites with 0.01% sodium azide.

### Molecular Weight:

~ 83 kDa

### Swiss-Prot:

P14923

### Purification&Purity:

### Applications:

WB (1/500 - 1/1000)

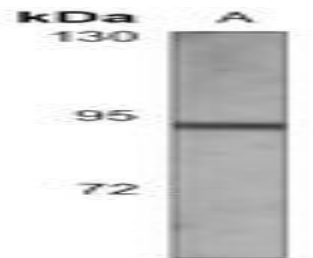
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of Gamma-catenin protein.

### DATA:



Western blot analysis of Gamma-catenin expression in NCIH292 (A) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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