

CTNNB1 monoclonal antibody

Catalog: MB62945 Host: Mouse Reactivity: Human, Monkey, Mouse, Rat, Dog

BackGround:

The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Oct 2009]

Product:

PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Molecular Weight:

85.3 kDa(Predicted)

Swiss-Prot:

P35222

Purification&Purity:

Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)

Applications:

WB 1:200~2000, IHC 1:150, IF 1:100

Storage&Stability:

PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

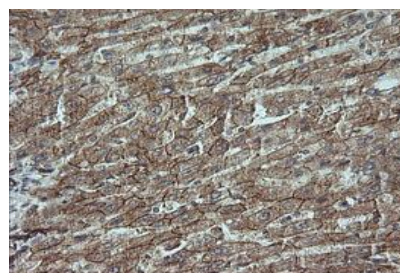
Specificity:

catenin beta 1

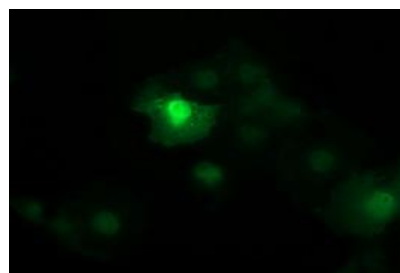
DATA:



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CTNNB1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-CTNNB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA502408)



Note:

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

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