

Catenin- β Rabbit monoclonal antibody

Catalog: BS9828M

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

β -Catenin is a key downstream effector in the Wnt signaling pathway. It is implicated in two major biological processes in vertebrates: early embryonic development and tumorigenesis. CK1 phosphorylates β -catenin at Ser45. This phosphorylation event primes β -catenin for subsequent phosphorylation by GSK-3 β . GSK-3 β destabilizes β -catenin by phosphorylating it at Ser33, Ser37, and Thr41. Mutations at these sites result in the stabilization of β -catenin protein levels and have been found in many tumor cell lines.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 92 kDa

Swiss-Prot:

P35222

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:500-1:5000

ICC: 1:20-1:50

IHC: 1:20-1:200

Storage&Stability:

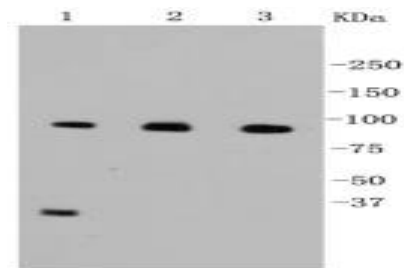
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of Catenin- β and

does not cross-react with related proteins.

DATA:

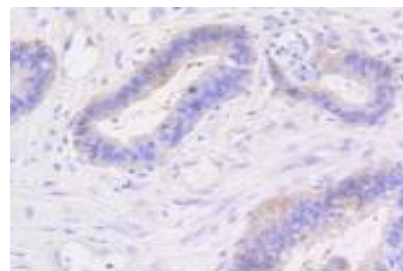


Western blot (WB) analysis of Catenin- β Rabbit mAb at 1:1000 dilution

Lane1:SW480 whole cell lysate

Lane2:HT29 whole cell lysate

Lane3:A431 whole cell lysate



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti- β -Catenin antibody. Counter stained with hematoxylin.

Note:

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

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