Product datasheet

Anti-Beta Catenin/CTNNB1 Antibody (Clone#OTI1F3)

Catalog Number: *M00004-6*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-Beta Catenin/CTNNB1 Antibody (Clone#OTI1F3)
Gene Name	CTNNB1
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Species Reactivity	human, mouse, rat, dog, monkey
Tested Application	WB, IHC
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Human recombinant protein fragment corresponding to amino acids 531-781 of human beta-catenin (NP_001895) produced in E.coli.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	85.3 kDa
Dilution Ratios	Western blot (WB): 1:1000~2000 Immunohistochemistry (IHC):1:50

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

Catenins are proteins found in complexes with cadherin cell adhesion molecules of animal cells. The first two catenins that were identified became known as alpha-catenin and beta-catenin. Alpha-catenin can bind to beta-catenin and can also bind actin. Beta-catenin binds the cytoplasmic domain of some cadherins. Beta-catenin is an adherens junction protein. It plays an important role in various aspects of liver biology including liver development(both embryonic and postnatal), liver regeneration following partial hepatectomy. HGF-induced hepatpomegaly, liver zonation, and pathogenesis of liver cancer.

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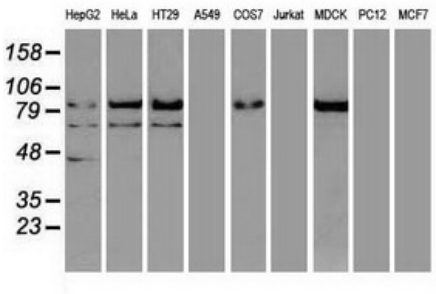
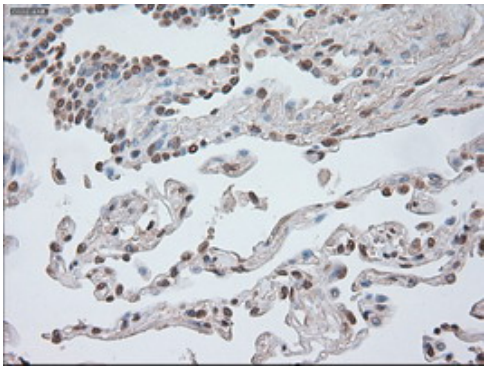
Reference

Anti-Beta Catenin/CTNNB1 Antibody (Clone#OTI1F3)被引用在1文献中。

Selected Validation Data



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CTNNB1 monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-CTNNB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, M00004-6)