

beta Catenin (5D6) Mouse mAb

db6360

Package : 50μL 100μL

Product Name : beta Catenin (5D6) Mouse mAb
Cat.No.: db6360
Synonyms : EVR7; CTNNB; MRD19; armadillo;CTNNB1
Application : WB
Reactivity : Human, Mouse, Rat
Host species : Mouse

Background	Key downstream component of the canonical Wnt signaling pathway. In the absence of Wnt, forms a complex with AXIN1, AXIN2, APC, CSNK1A1 and GSK3B that promotes phosphorylation on N-terminal Ser and Thr residues and ubiquitination of CTNNB1 via BTRC and its subsequent degradation by the proteasome. In the presence of Wnt ligand, CTNNB1 is not ubiquitinated and accumulates in the nucleus, where it acts as a coactivator for transcription factors of the TCF/LEF family, leading to activate Wnt responsive genes. Involved in the regulation of cell adhesion. The majority of beta-catenin is localized to the cell membrane and is part of E-cadherin/catenin adhesion complexes which are proposed to couple cadherins to the actin cytoskeleton.
Immunogen	Purified recombinant human β -Catenin protein fragments expressed in E.coli
Gene ID	1499
Swiss Prot	P35222
Synonyms	EVR7; CTNNB; MRD19; armadillo;CTNNB1
Reactivity	Human, Mouse, Rat
Application	WB
Recommended dilution	WB: 1:1000
Calculated MW	85 kDa
Observed MW	92 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	5D6-D5-E9
Isotype	IgG1
Purity	Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
Stable for 12 months from date of receipt.

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Western blot analysis of β Catenin in HCT116, C6 and 3T3 lysates using β Catenin antibody.