

Phospho-beta Catenin (Thr41/Ser45) Rabbit pAb

db21020

Package : 20μL 50μL 100μL

Product Name : Phospho-beta Catenin (Thr41/Ser45) Rabbit pAb

Cat.No.: db21020

Synonyms : EVR7; CTNNB; MRD19; NEDSDV; armadillo

Application : WB, IP

Reactivity : Human

Host species : Rabbit

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), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Thr41/Ser45 of human beta Catenin

Gene ID

1499

Swiss Prot

P35222

Synonyms

EVR7; CTNNB; MRD19; NEDSDV; armadillo

Reactivity

Human

Application

WB, IP

Recommended dilution

WB: 1:1000-1:5000

IP: 1:20

Calculated MW

86 kDa

Observed MW

86 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.