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), pilomatrixoma (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.