



Recombinant

DGRmAb[®]

Phospho-beta Catenin (Thr41/Ser45) (DGR32131) Rabbit mAb

db12676 Package : 10μL 20μL 50μL 100μL

Product Name: Phospho-beta Catenin (Thr41/Ser45) (DGR32131) Rabbit mAb

Cat.No.: db12676

Synonyms: EVR7; CTNNB; MRD19; NEDSDV; armadillo

Application: WB
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

Recommended dilution WB: 1:2000-1:20000

Calculated MW 86 kDa

Observed MW 86 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR32131



For Research Use Only **Product Datasheet**

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.