

**Recombinant****DGRmAb®****beta Catenin (DGR13940) Rabbit mAb (PBS Only)****db11055-PBS****Package : 100µg****Product Name :** beta Catenin (DGR13940) Rabbit mAb (PBS Only)**Cat.No.:** db11055-PBS**Synonyms :** EVR7; CTNNB; MRD19; armadillo**Application :** WB, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**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 peptide of human beta Catenin

**Gene ID**

1499

**Swiss Prot**

P35222

**Synonyms**

EVR7; CTNNB; MRD19; armadillo

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF, FC

**Calculated MW**

86 kDa

**Observed MW**

86 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR13940

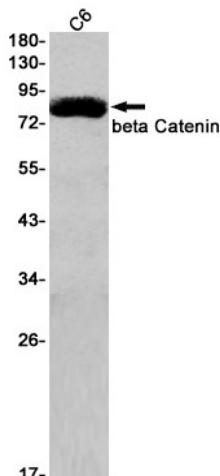
**Isotype**

IgG

**Purity**

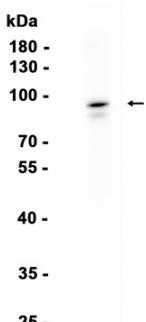
Affinity Purification

<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

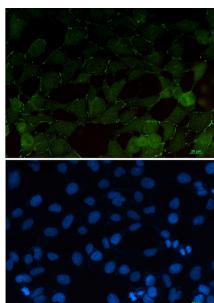


Western blot detection of beta Catenin in C6 cell lysates using beta Catenin antibody(1:1000 diluted).

HeLa



Western blot analysis of extracts from HeLa cells using [db11055](#) at 1:1000.



Immunofluorescent analysis of 293T cells using [db11055](#) antibody (green), and DAPI (blue).