

Recombinant

DGRmAb®

beta Catenin (DGR12883) Rabbit mAb (PBS Only)

db13925-PBS

Package : 可询价

Product Name : beta Catenin (DGR12883) Rabbit mAb (PBS Only)**Cat.No.:** db13925-PBS**Synonyms** : EVR7; CTNNB; MRD19; armadillo**Application** : WB, IHC-P, ICC/IF, IP**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, IHC-P, ICC/IF, IP

Calculated MW

86 kDa

Observed MW

86 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12883

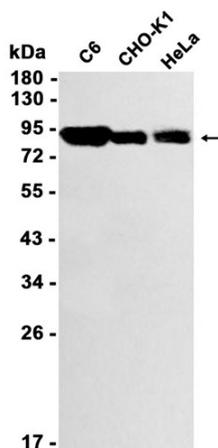
Isotype

IgG

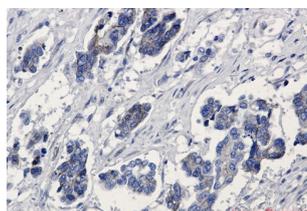
Purity

Affinity Purification

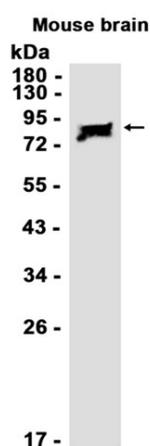
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



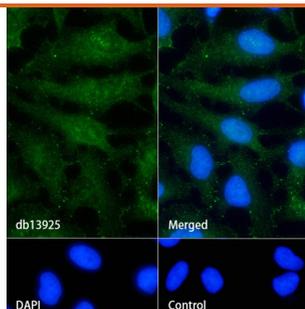
Western blot analysis of extracts from C6, CHO-K1, HeLa cells using [db13925](#) at 1:1000.



Immunohistochemical analysis of paraffin-embedded human Cholangiocarcinoma using [db13925](#) antibody.



Western blot analysis of extracts from Mouse brain tissue using [db13925](#) at 1:1000.



Immunofluorescence analysis of HeLa cells labelling beta Catenin with [db13925](#).

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with [db13925](#) (1:100) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 ([db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.