

Recombinant

DGRmAb®

## gamma Catenin (DGR16809) Rabbit mAb

db14790

Package : 10µL 20µL 50µL 100µL

**Product Name** : gamma Catenin (DGR16809) Rabbit mAb**Cat.No.:** db14790**Synonyms** : DP3; PDGB; PKGB; CTNNG; DPlII**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. This protein forms distinct complexes with cadherins and desmosomal cadherins and is a member of the catenin family since it contains a distinct repeating amino acid motif called the armadillo repeat. Mutation in this gene has been associated with Naxos disease. Alternative splicing occurs in this gene; however, not all transcripts have been fully described. [provided by RefSeq, Jul 2008]

**Immunogen**

Recombinant protein of human gamma Catenin

**Gene ID**

3728

**Swiss Prot**

P14923

**Synonyms**

DP3; PDGB; PKGB; CTNNG; DPlII

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**WB: 1:1000  
IHC-P: 1:500-1:2000  
ICC/IF: 1:100-1:200  
FC: 1:200-1:1000**Calculated MW**

82 kDa

**Observed MW**

82 kDa

**Host species**

Rabbit

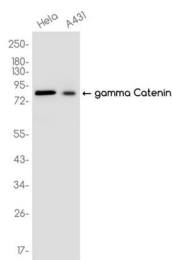
**Clonality**

Monoclonal

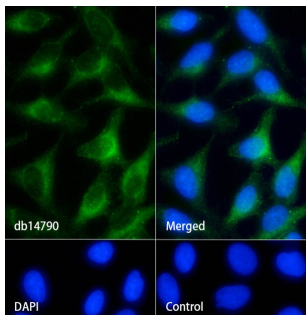
**Clonality No.**

DGR16809

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.



Western blot analysis of extracts from HeLa, A431 cells using db14790 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling gamma Catenin with db14790.

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 db14790 (1:100) at room temprature 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.