

Recombinant

DGRmAb®

## Axin 2 (DGR13699) Rabbit mAb

db12143

Package : 10µL 20µL 50µL 100µL

**Product Name** : Axin 2 (DGR13699) Rabbit mAb**Cat.No.:** db12143**Synonyms** : AXIL; ODCRCS**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The Axin-related protein, Axin2, presumably plays an important role in the regulation of the stability of beta-catenin in the Wnt signaling pathway, like its rodent homologs, mouse conductin/rat axil. In mouse, conductin organizes a multiprotein complex of APC (adenomatous polyposis of the colon), beta-catenin, glycogen synthase kinase 3-beta, and conductin, which leads to the degradation of beta-catenin. Apparently, the deregulation of beta-catenin is an important event in the genesis of a number of malignancies. The AXIN2 gene has been mapped to 17q23-q24, a region that shows frequent loss of heterozygosity in breast cancer, neuroblastoma, and other tumors. Mutations in this gene have been associated with colorectal cancer with defective mismatch repair. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Axin 2

**Gene ID**

8313

**Swiss Prot**

Q9Y2T1

**Synonyms**

AXIL; ODCRCS

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

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

94 kDa

**Observed MW**

94 kDa

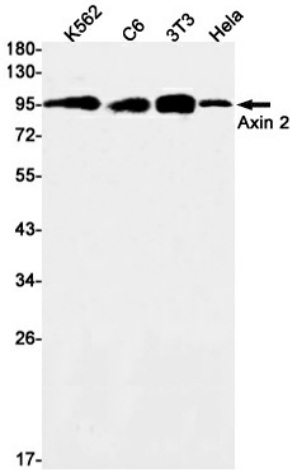
**Host species**

Rabbit

**Clonality**

Monoclonal

Clonality No.	DGR13699
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 detection of Axin 2 in K562,C6,3T3,Hela cell lysates using Axin 2 antibody(1:1000 diluted).