Recombinant DGRmAb®

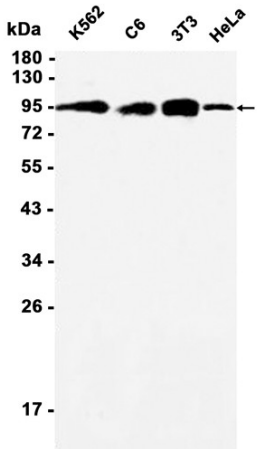
Axin 2 (DGR13699) Rabbit mAb

db12143 **Package : 10μL 20μL 50μL 100μL**

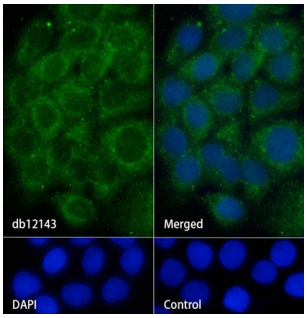
Product Name : Axin 2 (DGR13699) Rabbit mAb
Cat.No.: db12143
Synonyms : AXIL; ODCRCS
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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.



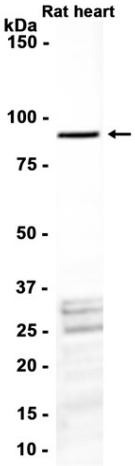
Western blot analysis of extracts from K562, C6, 3T3, HeLa cells using db12143 at 1:1000.



Immunofluorescence analysis of A431 cells labelling Axin 2 with db12143.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 db12143 (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.



Western blot analysis of extracts from Rat heart tissue using db12143 at 1:1000.