

# Recombinant Axin 2 Monoclonal Antibody

Catalog Number:E-AB-81534



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

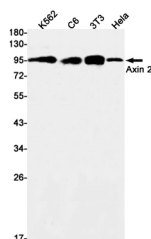
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	A synthetic peptide of human Axin 2
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R06-3A8
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

## Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
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## Data



Western blot detection of Axin 2 in K562,C6,3T3,Hela cell lysates using Axin 2 Rabbit mAb(1:1000 diluted).Predicted band size:94kDa.Observed band size:94kDa.

**Observed Mw:94kDa**  
**Calculated Mw:94kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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.

## For Research Use Only

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