Axin2 Rabbit mAb

Catalog No: #49509

Package Size: #49509-1 50ul #49509-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Axin2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JM11-30
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	Axil antibody Axin like protein antibody Axin-2 antibody Axin-like protein antibody Axin2 antibody AXIN2_HUMAN antibody Axis inhibition protein 2 antibody Conductin antibody DKFZp781B0869 antibody MGC10366 antibody MGC126582 antibody
Accession No.	Swiss-Prot#:Q9Y2T1
Calculated MW	94 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2,000 IHC: 1:10-1:50ICC: 1:50-1:200

Background

b-catenin is a component of both the cadherin cell adhesion system and the Wnt signaling pathway. Wnt signaling increases the amount of b-catenin, by preventing its ubiquitination and degradation, allowing its direct interaction with transcription factors of the lymphoid enhancer factor-T cell factor family and modulation of gene expression. Axin is involved in the degradation of b-catenin by acting as a scaffold to form a complex between b-catenin, adenomatous polyposis coli (APC) and GSK-3b. APC, which is phosphorylated by GSK-3b, induces degradation of b-catenin, thus inhibiting Wnt signal transduction. Conductin is 45% identical to axin and appears to play a similar role to axin in the Wnt signaling pathway.

References