

For Research Use Only

AXIN2 Monoclonal antibody

Catalog Number: 67458-1-Ig



Basic Information

Catalog Number:

67458-1-Ig

Size:

150ul, Concentration: 1100 µg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG29291

GenBank Accession Number:

BC006295

GeneID (NCBI):

8313

UNIPROT ID:

Q9Y2T1

Full Name:

axin 2

Calculated MW:

843 aa, 94 kDa

Observed MW:

100 kDa

Purification Method:

Protein G purification

CloneNo.:

1A11A4

Recommended Dilutions:

WB 1:1000-1:9600

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : MDA-MB-231 cells, HepG2 cells, Jurkat cells, PC-12 cells

Background Information

Axis inhibition protein2 (AXIN2), also known as Conductin or Axil, is a multidomain scaffold protein that negatively regulate Wnt signaling. AXIN2 can directly interact with beta-catenin and GSK3B. AXIN2 has a number of phosphorylation sites, and also can undergo poly(ADP-ribose)lation by tankyrase TNKS and TNKS2. Poly(ADP-ribose)lated AXIN2 then get ubiquitinated by RNF146 and leads to its degradation and subsequent activation of Wnt signaling. AXIN2 is localized in the cytoplasm and its mutation is involved in colorectal cancer.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

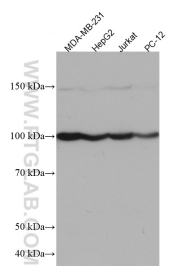
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67458-1-Ig (AXIN2 antibody) at dilution of 1:4800 incubated at room temperature for 1.5 hours.