

Datasheet for ABIN5611198
anti-Axin antibody (AA 546-752)

5 Images

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Overview

Quantity:	0.1 mg
Target:	Axin (AXIN1)
Binding Specificity:	AA 546-752
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human AXIN1 (AA: 546-752) expressed in E. coli.
Clone:	4E9F1
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	Axin (AXIN1)
Alternative Name:	AXIN1 (AXIN1 Products)
Background:	Description: This gene encodes a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a dishevelled and axin (DIX) domain. The encoded protein interacts with adenomatosis polyposis coli, catenin beta-1, glycogen synthase kinase 3 beta, protein

Target Details

phosphate 2, and itself. This protein functions as a negative regulator of the wingless-type MMTV integration site family, member 1 (WNT) signaling pathway and can induce apoptosis. The crystal structure of a portion of this protein, alone and in a complex with other proteins, has been resolved. Mutations in this gene have been associated with hepatocellular carcinoma, hepatoblastomas, ovarian endometriod adenocarcinomas, and medullablastomas. Alternative splicing results in multiple transcript variants.

Aliases: AXIN, PPP1R49

Molecular Weight: 95.6 kDa

Gene ID: 8312

HGNC: 8312

Pathways: [WNT Signaling](#), [Sensory Perception of Sound](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:50 - 1:250, FCM: 1:200 - 1:400, IHC: N/A

Restrictions: For Research Use only

Handling

Format: Liquid

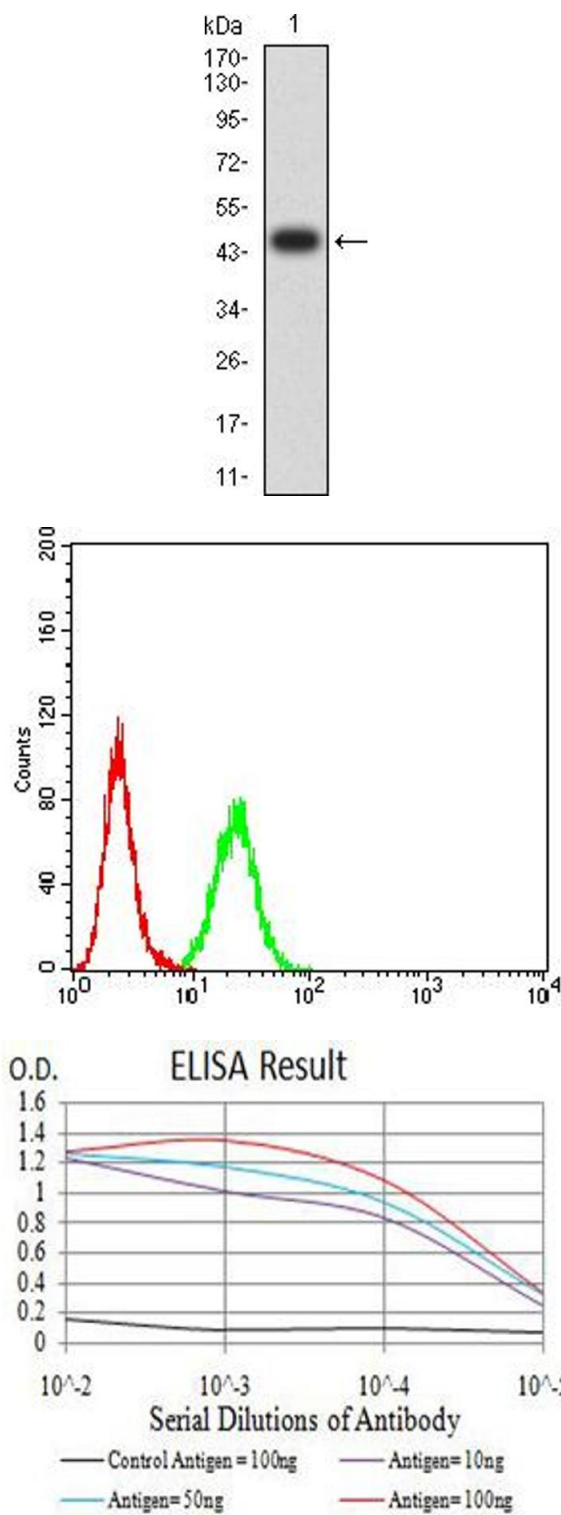
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



Western Blotting

Image 1. Western blot analysis using AXIN1 mAb against human AXIN1 (AA: 546-752) recombinant protein. (Expected MW is 48.7 kDa)

Flow Cytometry

Image 2. Flow cytometric analysis of Hela cells using AXIN1 mouse mAb (green) and negative control (red).

ELISA

Image 3. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611198.