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### Datasheet for ABIN563582

## anti-Axin antibody (AA 643-740)





#### Overview

Quantity:	100 μg
Target:	Axin (AXIN1)
Binding Specificity:	AA 643-740
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Axin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Proximity Ligation Assay (PLA)

#### Product Details

Product Details	
Purpose:	Mouse monoclonal antibody raised against a partial recombinant AXIN1.
Immunogen:	AXIN1 (NP_003493, 643 a.a. $\sim$ 740 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	ISRHRRTGHG SSGTRKPQPH ENSRPLSLEH PWAGPQLRTS VQPSHLFIQD PTMPPHPAPN PLTQLEEARR RLEEEEKRAS RAPSKQRYVQ EVMRRGRA
Clone:	2B11
Isotype:	lgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## **Target Details**

Target:	Axin (AXIN1)
Alternative Name:	AXIN1 (AXIN1 Products)
Background:	Full Gene Name: axin 1 Synonyms: AXIN,MGC52315
Gene ID:	8312
NCBI Accession:	NM_003502
Pathways:	WNT Signaling, Sensory Perception of Sound, Regulation of G-Protein Coupled Receptor Protein Signaling

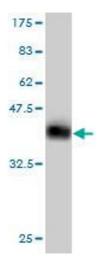
## **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

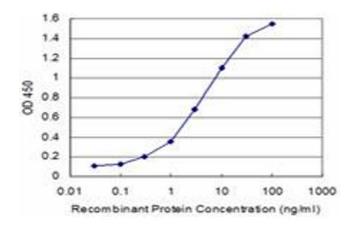
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

#### **Images**



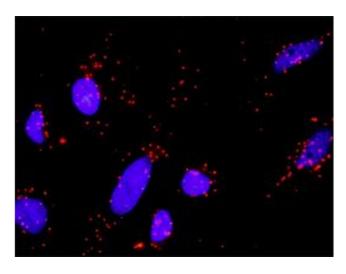
## **Western Blotting**

 $\label{lem:mage 1.} \textbf{Image 1.} \ \textbf{Western Blot detection against Immunogen (36.52 } \\ \textbf{KDa)} \ .$ 



#### **ELISA**

**Image 2.** Detection limit for recombinant GST tagged AXIN1 is approximately 0.3ng/ml as a capture antibody.



#### **Proximity Ligation Assay**

**Image 3.** Proximity Ligation Analysis of protein-protein interactions between GSK3B and AXIN1. HeLa cells were stained with anti-GSK3B rabbit purified polyclonal 1:1200 and anti-AXIN1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the product details page for more images. Overall 4 images are available for ABIN563582.