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Datasheet for ABIN562341 anti-PPM1B antibody (AA 1-192)

7 Images



Overview

Quantity:	100 µg
Target:	PPM1B
Binding Specificity:	AA 1-192
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPM1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF), Proximity Ligation Assay (PLA), RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant PPM1B.
Immunogen:	PPM1B (AAH12002, 1 a.a. \sim 192 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSIVLVCFSN APKVSDEAVK KDSELDKHLE SRVEEIMEKS GEEGMPDLAH VMRILSAENI PNLPPGGGLA GKRNVIEAVY SRLNPHRESD GASDEAEESG SQGKLVEALR QMRINHRGNY RQLLEEMLTS YRLAKVEGEE SPAEPAATAT SSNSDAGNPV TMQESHTESE SGLAELDSSN EDAGTKMSGE KI
Clone:	1A3-2A4
lsotype:	lgG1
Cross-Reactivity:	Human

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Product Details

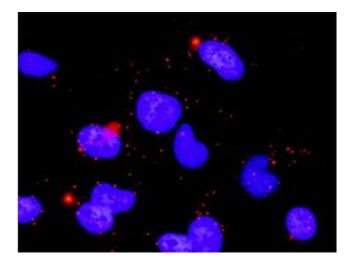
Characteristics:

Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PPM1B
Alternative Name:	PPM1B (PPM1B Products)
Background:	Full Gene Name: protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform
	Synonyms: MGC21657,PP2C-beta-X,PP2CB,PP2CBETA,PPC2BETAX
Gene ID:	5495
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



Proximity Ligation Assay

Image 1. Proximity Ligation Analysis of protein-protein interactions between ARRB2 and PPM1B. HeLa cells were stained with anti-ARRB2 rabbit purified polyclonal 1:1200 and anti-PPM1B mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

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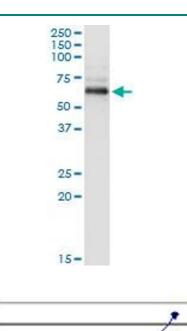
1.0

0.8

0.1

0.01

OD 450



10

1

Recombinant Protein Concentration (ng/ml)

100

1000

Immunoprecipitation

Image 2. Immunoprecipitation of PPM1B transfected lysate using anti-PPM1B monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with PPM1B monoclonal antibody.

ELISA

Image 3. Detection limit for recombinant GST tagged PPM1B is 0.3 ng/ml as a capture antibody.

Please check the product details page for more images. Overall 7 images are available for ABIN562341.