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Datasheet for ABIN919982

## anti-PPM1D antibody (AA 201-300) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	PPM1D
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPM1D antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PPM1D
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	PPM1D
Alternative Name:	Ppm1d ( <a href="#">PPM1D Products</a> )
Background:	Synonyms: WIP1, PP2C-DELTA, Protein phosphatase 1D, Protein phosphatase 2C isoform delta,

## Target Details

Protein phosphatase magnesium-dependent 1 delta, p53-induced protein phosphatase 1, PPM1D

Background: Required for the relief of p53-dependent checkpoint mediated cell cycle arrest. Binds to and dephosphorylates 'Ser-15' of TP53 and 'Ser-345' of CHEK1 which contributes to the functional inactivation of these proteins.

Gene ID: 8493

UniProt: [O15297](#)

Pathways: [p53 Signaling](#), [Cell Division Cycle](#)

## Application Details

Application Notes: IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months