Mouse anti-Human PPM1B Monoclonal Antibody | anti-PPM1B antibody

PPM1B (Protein Phosphatase 1B, PP2C-beta, Protein Phosphatase 2C Isoform beta, PP2CB, MGC21657) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24917	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

PPM1B; Monoclonal Antibody; PPM1B (Protein Phosphatase 1B; PP2C-beta; Protein Phosphatase 2C Isoform beta; PP2CB; MGC21657) (Biotin); anti-PPM1B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1A3-2A4
Specificity	Recognizes human PPM1B.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-PPM1B antibody	ELISA, IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-192 from human PPM1B (AAH12002) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSIVLVCFSNAPKVSDEAVKKDSELDKHLESRVEEIMEKSGEEGMPDLAHVMRILSAENIPNLPPGGGLAGKRNVIEAVYSRLNPHRESDGASDEAEESG
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap

IMAGES

Application Data
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).

WB (Western Blot)
Western blot analysis of PPM1B over-expressed 293 cell line, cotransfected with PPM1B Validated Chimera RNAi ((Lane 2) or non-transfected control (Lane 1). Blot probed with PPM1B monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

IP (Immunoprecipitation)
Immunoprecipitation of PPM1B transfected lysate using PPM1B monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PPM1B monoclonal antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to PPM1B on HeLa cell. [antibody concentration 10ug/ml]

WB (Western Blot)
Western Blot analysis of PPM1B expression in transfected 293T cell line by PPM1B monoclonal antibody. Lane 1: PPM1B transfected lysate (52.643kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
Western Blot detection against Immunogen (46.86kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-PPM1B antibody	Antibodies; Enzymes; Phosphatase

NCBI AND UNIPROT INFORMATION

NCBI GI #	15080528
NCBI GeneID	5495
Molecular Weight	36,313 Da
NCBI Official Full Name	Homo sapiens protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform, mRNA
NCBI Official Synonym Full Names	protein phosphatase, Mg2+/Mn2+ dependent 1B
NCBI Official Symbol	PPM1B
NCBI Official Synonym Symbols	PP2CB; PP2CBETA; PP2C-beta; PPC2BETAX; PP2C-beta-X
NCBI Protein Information	protein phosphatase 1B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/ppm1b-antibody-clone-1a3-2a4-immunofluorescence-immunoprecipitation-western-blot-elisa/24917