



# Anti-PPM1B monoclonal antibody, clone 4H0 (DCABH-942)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to PPM1B
<b>Antigen Description</b>	Enzyme with a broad specificity. Dephosphorylates CDK2 and CDK6 in vitro.
<b>Immunogen</b>	Recombinant full length Human PPM1B produced in HEK293 cells (NP_002697).
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4H0
<b>Purification</b>	This antibody was purified from Mouse ascites fluid by affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Positive Control</b>	HEK293T cell lysate transfected with pCMV6-ENTRY PPM1B cDNA.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	store at -20°C. Avoid repeated freeze / thaw cycles.

Ship

Shipped at 4°C.

## GENE INFORMATION

Gene Name	<a href="#">PPM1B protein phosphatase, Mg2+/Mn2+ dependent, 1B [ Homo sapiens ]</a>
Official Symbol	PPM1B
Synonyms	PPM1B; protein phosphatase, Mg2+/Mn2+ dependent, 1B; protein phosphatase 1B (formerly 2C), magnesium dependent, beta isoform; protein phosphatase 1B; PP2CB; PP2CBETA; PPC2BETAX; protein phosphatase 2C; beta isoform; PP2C-beta; protein phosphatase 2C isofo
Entrez Gene ID	<a href="#">5495</a>
Protein Refseq	<a href="#">NP_001028728</a>
UniProt ID	<a href="#">O75688</a>
Chromosome Location	2p22.1
Pathway	Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; ISG15 antiviral mechanism, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem.
Function	hydrolase activity; magnesium ion binding; manganese ion binding; protein binding; protein serine/threonine phosphatase activity; protein serine/threonine phosphatase activity;