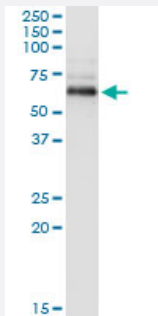


PPM1B (Human) IP-WB Antibody Pair

Catalog # H00005495-PW1

Size 1 Set

Applications



Immunoprecipitation of PPM1B transfected lysate using mouse monoclonal anti-PPM1B and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse monoclonal anti-PPM1B.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PPM1B transfected lysate using mouse monoclonal anti-PPM1B and Protein A Magnetic Bead (U0007), and immunoblotted with mouse monoclonal anti-PPM1B.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-PPM1B (300 ug) 2. Antibody pair for WB: mouse monoclonal anti-PPM1B (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PPM1B

Entrez GeneID [5495](#)**Gene Name** PPM1B**Gene Alias** MGC21657, PP2C-beta-X, PP2CB, PP2CBETA, PPC2BETAX**Gene Description** protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform**Omim ID** [603770](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase has been shown to dephosphorylate cyclin-dependent kinases (CDKs), and thus may be involved in cell cycle control. Overexpression of this phosphatase is reported to cause cell-growth arrest or cell death. Alternative splicing results in multiple transcript variants encoding different isoforms. Additional transcript variants have been described, but currently do not represent full-length sequences. [provided by RefSeq]

Other Designations OTTHUMP00000158953|OTTHUMP00000158955|protein phosphatase 1B|protein phosphatase 2C beta isoform|protein phosphatase 2C-like protein

Pathway

- [MAPK signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)