

小鼠抗 PPM1D 单克隆抗体

- 中文名称： 小鼠抗 PPM1D 单克隆抗体
- 英文名称： Anti-PPM1D mouse monoclonal antibody
- 别名： protein phosphatase, Mg²⁺/Mn²⁺ dependent 1D; WIP1; IDDGIP; PP2C-DELTA
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： PPM1D
- 反应种属： Human
- 标记物： Unconjugate
- 克隆类型： mouse monoclonal

技术规格

Background:

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. The expression of this gene is induced in a p53-dependent manner in response to various environmental stresses. While being induced by tumor suppressor protein TP53/p53, this phosphatase negatively regulates the activity of p38 MAP kinase, MAPK/p38, through which it reduces the phosphorylation of p53, and in turn suppresses p53-mediated transcription and apoptosis. This phosphatase thus mediates a feedback regulation of p38-p53 signaling that contributes to growth inhibition and the suppression of stress induced apoptosis. This gene is located in a chromosomal region known to be amplified in breast cancer. The amplification of this gene has been

	detected in both breast cancer cell line and primary breast tumors , which suggests a role of this gene in cancer development.
Applications:	WB
Name of antibody:	PPM1D
Immunogen:	Fusion protein of human PPM1D
Full name:	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent 1D
Synonyms:	WIP1; IDDGIP; PP2C-DELTA
SwissProt:	O15297
WB Predicted band size:	67 KD
WB Positive control:	Jurkat, HEK293, Hela cell lysates
WB Recommended dilution:	500-2000