

PPM1H Antibody
PPM1H Antibody, Clone 10D2
Catalog # ASM10705

Specification

PPM1H Antibody - Product Information

Primary Accession	O9ULR3
Other Accession	NP_065751.1
Host	Mouse
Clonality	Monoclonal
Target/Specificity	
PPM1H	

Other Names

Protein phosphatase Mg²⁺/Mn²⁺ dependent 1H Antibody | NERPP2C | Protein phosphatase 1H Antibody

Immunogen

Recombinant Human PPM1H Protein

Purification

Protein G Purified

Storage **-20°C**

Storage Buffer

PBS pH 7.4, 50% glycerol, 0.09% sodium azide *Storage buffer may change when conjugated

Shipping Temperature

Blue Ice or 4°C

Certificate of Analysis

A 1:1000 dilution of SMC-616 was sufficient for detection of PPM1H in 10 µg of Hu, Ms, Rt Kidney Cells (HEK293), Alveolar Basal Epithelial cells (A549) by ECL immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary antibody.

Cellular Localization

Intracellular

PPM1H Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PPM1H Antibody - Images

PPM1H Antibody - Background

PPM1H is an independent prognostic biomarker of non-small cell lung cancer (1). PPM1H acts as a key modulator of LRRK2 signaling by controlling dephosphorylation of Rab proteins (2). PPM1H is also suggested to be a gatekeeper to prevent excessive bone morphogenetic protein (BMP) signalling through dephosphorylation (3).

PPM1H Antibody - References

1. Zhang W.Q., et al. (2021) Neoplasma. 68(5): 917-923.
2. Berndsen K., et al. (2019) 8:e50416.
3. Shen T., et al. (2014) Cell Res. 24(6): 727-741.