

## PPM1M Polyclonal Antibody

catalog number: E-AB-19190

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

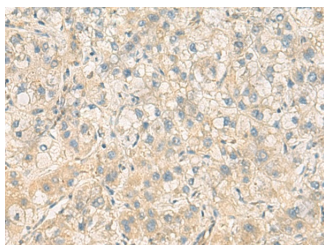
|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse                                                                        |
| <b>Immunogen</b>    | Fusion protein of human PPM1M                                                      |
| <b>Host</b>         | Rabbit                                                                             |
| <b>Isotype</b>      | Rabbit IgG                                                                         |
| <b>Purification</b> | Antigen affinity purification                                                      |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

### Applications

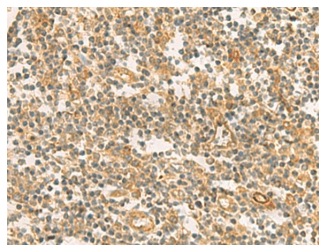
### Recommended Dilution

|     |             |
|-----|-------------|
| IHC | 1:100-1:300 |
|-----|-------------|

### Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PPM1M Polyclonal Antibody at dilution of 1:100(×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using PPM1M Polyclonal Antibody at dilution of 1:100(×200)

### Preparation & Storage

|                 |                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

PPM1M 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 was identified as an interacting protein of Rho guanine nucleotide exchange factors (PIX). PIX proteins are regulators of p21/Cdc42/Rac1-activated kinase 1 (PAK1), a protein kinase mediating biological effects downstream of Rho GTPases. This phosphatase has been shown to block the effects of PAK, and thus inhibit actin stress fiber breakdown and morphological changes driven by cell division cycle 42 (CDC42).

### For Research Use Only