

# PPME1 mouse monoclonal antibody (hybridoma)

Catalog # H00051400-M

Size Up to 5 Clones

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse monoclonal antibody raised against a full-length recombinant PPME1.                                                                                                                                                                                                                                                                                                                                          |
| Immunogen                     | PPME1 (NP_057231.1, 1 a.a. ~ 386 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                                                                                             |
| Sequence                      | MSALEKSMHLGRLPSRPPLPGSGGSQSGAKMRMGPRKRDFSPVPWSQYFESMEDVEVENE<br>TGKDTFRVYKSGSEGPVLLLLHGGGHSALSWAVFTAAIISRVQCRIVALDLRSHGETKVKNPEDLS<br>AETMAKDVGNNVEAMYGDLPPIMLIGHSMGGAIHVHTASSNLVPSLLGLCMIDVVEGTAMDALN<br>SMQNFLRGRPKTFKSLENAIEWSVKSGQIRNLESARVSMVGQVKQCEGITSPEGSKSMEGIIIEE<br>EEDEEGSESISKRKEDDMETKKDHPYTWRIELAKTEKYWDGWFRGLSNLFLSCPIPKLLLLAGV<br>DRLDKDLTIGMQMGKFQMQVLPQCGHAVHEDAPDKVAEAVATFLIRHRFAEPIGGFQCVFPGC |
| Host                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                                                                                              |
| Interspecies Antigen Sequence | Mouse (98); Rat (98)                                                                                                                                                                                                                                                                                                                                                                                               |
| Quality Control Testing       | Antibody reactivity and specificity confirmed by ELISA and Western Blot.                                                                                                                                                                                                                                                                                                                                           |
| Deliverables                  | Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.                                                                                                                                                                                                                                                                                                                            |
| Note                          | Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.                                                                                                                                                                                                                         |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — PPME1

|                     |                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">51400</a>                                                                                                                                                                            |
| GeneBank Accession# | <a href="#">NM_016147.1</a>                                                                                                                                                                      |
| Protein Accession#  | <a href="#">NP_057231.1</a>                                                                                                                                                                      |
| Gene Name           | PPME1                                                                                                                                                                                            |
| Gene Alias          | FLJ22226, PME-1                                                                                                                                                                                  |
| Gene Description    | protein phosphatase methylesterase 1                                                                                                                                                             |
| Omim ID             | <a href="#">611117</a>                                                                                                                                                                           |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                        |
| Gene Summary        | Protein phosphatase methylesterase-1 catalyzes the demethylation of the protein phosphatase-2 A catalytic subunit (PPP2CA; MIM 176915) (Ogris et al., 1999 [PubMed 10318862]).[supplied by OMIM] |
| Other Designations  | protein phosphatase methylesterase-1                                                                                                                                                             |

## Pathway

- [Tropane](#)