



# PLCZ1 mouse mAb

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|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-09576                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity</b>                | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>                 | PLCZ1                                                                                                                                                                                                                                                                                                                |
| <b>Protein Name</b>              | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase zeta-1 (EC 3.1.4.11) (Phosphoinositide phospholipase C-zeta-1) (Phospholipase C-zeta-1) (PLC-zeta-1) (Testis-development protein NYD-SP27)                                                                                                                 |
| <b>Immunogen</b>                 | Synthesized peptide derived from human PLCZ1 AA range: 520-570                                                                                                                                                                                                                                                       |
| <b>Specificity</b>               | This antibody detects endogenous levels of human PLCZ1                                                                                                                                                                                                                                                               |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                              |
| <b>Source</b>                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                 |
| <b>Dilution</b>                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>                  |                                                                                                                                                                                                                                                                                                                      |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                                                      |
| <b>Cell Pathway</b>              | Nucleus . Cytoplasm, perinuclear region . Exhibits alternative cytoplasmic/nuclear localization during development. Translocates from the pronucleus into cytoplasm upon nuclear envelope breakdown for mitosis and localizes again to the pronucleus at interphase following meiosis and mitosis (By similarity). . |
| <b>Tissue Specificity</b>        | Expressed specifically in testis and sperm. Weakly expressed in pancreatic-duct cells. Up-regulated in pancreatic-duct cells from patients with cystic fibrosis.                                                                                                                                                     |
| <b>Function</b>                  |                                                                                                                                                                                                                                                                                                                      |
| <b>Background</b>                |                                                                                                                                                                                                                                                                                                                      |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                 |
| <b>Usage suggestions</b>         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                                                                                    |



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