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| Product name: | PLK1 Rabbit Monoclonal Antibody |
| Cat number: | MABN03292 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | A synthetic peptide corresponding to target protein |
| Reactivity: | Human,Rat |
| Applications: | WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50 |
| Molecular Weight: | Calculated MW: 68 kDa; Observed MW: 68 kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | Required for recovery after DNA damage checkpoint and entry into mitosis. Required for kinetochore localization of BUB1B. Phosphorylates SGOL1. Required for spindle pole localization of isoform 3 of SGOL1 and plays a role in regulating its centriole cohesion function. Phosphorylates BORA, and thereby promotes the degradation of BORA. Contributes to the regulation of AURKA function. Regulates TP53 stability through phosphorylation of TOPORS. |