

|                          |                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | CDK1 (3B9) Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cat number:</b>       | MABN03454                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Isotype:</b>          | IgG2b                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen:</b>        | A synthetic peptide corresponding to target protein                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications:</b>     | WB 1:500-1:1000, ICC/IF 1:50-1:200                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Weight:</b> | Calculated MW: 34 kDa; Observed MW: 34 kDa                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                                                                                                                                                                                                                                                                                                         |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                            |
| <b>Background:</b>       | The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. |