

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | Aurora B Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cat number:</b>       | MABN85329                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen:</b>        | A synthetic peptide of human Aurora B                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications:</b>     | WB 1:500-1:1000,IP 1:10-1:20                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Weight:</b> | Calculated MW: 39 kDa; Observed MW: 39 kDa                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Buffer:</b>           | Purified antibody in TBS with 0.05% sodium azide,0.05%BSA and 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                             |
| <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>       | May be directly involved in regulating the cleavage of polar spindle microtubules and is a key regulator for the onset of cytokinesis during mitosis. Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. |