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| <b>Product name:</b>     | PRC1 Rabbit Monoclonal Antibody                                                                                                                                                                                                               |
| <b>Cat number:</b>       | MABN02469                                                                                                                                                                                                                                     |
| <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 corresponding to target protein                                                                                                                                                                                           |
| <b>Reactivity:</b>       | Human,Rat                                                                                                                                                                                                                                     |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50                                                                                                                                                                                                   |
| <b>Molecular Weight:</b> | Calculated MW: 72 kDa; Observed MW: 72 kDa                                                                                                                                                                                                    |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                         |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                        |
| <b>Buffer:</b>           | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA                                                                                                                                                         |
| <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>       | Cross-links antiparrallel microtubules at an average distance of 35 nM. Essential for controlling the spatiotemporal formation of the midzone and successful cytokinesis. Required for KIF14 localization to the central spindle and midbody. |