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| <b>Product name:</b>     | Epac1 Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                  |
| <b>Cat number:</b>       | MABN85541                                                                                                                                                                                                                                                                         |
| <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 Epac1                                                                                                                                                                                                                                                |
| <b>Reactivity:</b>       | Human, Mouse                                                                                                                                                                                                                                                                      |
| <b>Applications:</b>     | WB 1:500-1:1000, IP 1:10-1:20                                                                                                                                                                                                                                                     |
| <b>Molecular Weight:</b> | Calculated MW: 104 kDa; Observed MW: 104 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>       | The activation of RaP1 by cAMP is independent of PKA and is mediated by recently discovered family of guanine nucleotide exchange factors (GEFs) called cAMP-GEFs or Epacs. The Epac signaling therefore represents a novel mechanism for cAMP signaling within the cAMP cascade. |