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| <b>Product name:</b>     | CRP Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cat number:</b>       | MABN85931                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Size:</b>             | 100μL                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype:</b>          | Mouse IgG3                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen:</b>        | This CRP antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 194-221 amino acids from human CRP.                                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity:</b>       | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications:</b>     | WB 1:500-1:8000                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Weight:</b> | 25.0kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <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 belongs to the pentaxin family. It is involved in several host defense related functions based on its ability to recognize foreign pathogens and damaged cells of the host and to initiate their elimination by interacting with humoral and cellular effector systems in the blood. Consequently, the level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli. |