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| <b>Product name:</b>  | CD19 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cat number:</b>    | MABN80517                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <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 IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen:</b>     | Purified recombinant fragment of human CD19 expressed in E. Coli.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity:</b>    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications:</b>  | IHC 1:200-1:1000,ELISA 1:5000-1:20000                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purification:</b>  | Affinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form:</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Buffer:</b>        | Ascitic fluid containing 0.03% 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>    | <p>The CD19 antigen (95kDa) is expressed from the earliest stage of B progenitor development, on all peripheral B cells including germinal centre B cells, and all B cell lines and B cell leukaemia tested. T cell and monocytic cell lines are negative and the antigen is lost on B cell maturation to plasma cells. The antigen is a type I integral membrane glycoprotein whose in vitro inhibition will influence B cell activation and proliferation.</p> |