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| <b>Product name:</b>  | Transferrin (4H5) Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                  |
| <b>Cat number:</b>    | MABN03326                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Conjugate:</b>     | Unconjugated                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Size:</b>          | 100µL                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Clone:</b>         | Monoclonal                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration:</b> | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Host:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype:</b>       | IgG1                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen:</b>     | A synthetic peptide of human Transferrin                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity:</b>    | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications:</b>  | ELISA 1:5000-1:20000                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification:</b>  | Affinity Purification                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form:</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Buffer:</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                                                                                                                                                                                                                                                                                              |
| <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>    | Transferrins are iron binding transport proteins which can bind two Fe <sup>3+</sup> ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation. |