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| <b>Product name:</b>     | BTN1A1 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Cat number:</b>       | MABN82133                                                                                                                                                                                                                                                                                                                                                                                                |
| <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 BTN1A1 (AA: extra 27-242) expressed in E. Coli.                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications:</b>     | WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Weight:</b> | 58.9kDa                                                                                                                                                                                                                                                                                                                                                                                                  |
| <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>       | Butyrophilin is the major protein associated with fat droplets in the milk. It is a member of the immunoglobulin superfamily. It may have a cell surface receptor function. The human butyrophilin gene is localized in the major histocompatibility complex (MHC) class I region of 6p and may have arisen relatively recently in evolution by the shuffling of exons between 2 ancestral gene families |