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| <b>Product name:</b>     | CPT2 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                           |
| <b>Cat number:</b>       | MABN82965                                                                                                                                                                                                                                                                                                                                                |
| <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 IgG2a                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen:</b>        | Purified recombinant fragment of human CPT2 (AA: 26-178) expressed in E. Coli.                                                                                                                                                                                                                                                                           |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications:</b>     | WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Weight:</b> | 74KDa                                                                                                                                                                                                                                                                                                                                                    |
| <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>       | <p>The protein encoded by this gene is a nuclear protein which is transported to the mitochondrial inner membrane. Together with carnitine palmitoyltransferase I, the encoded protein oxidizes long-chain fatty acids in the mitochondria. Defects in this gene are associated with mitochondrial long-chain fatty-acid (LCFA) oxidation disorders.</p> |