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| <b>Product name:</b>     | SLC27A5 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cat number:</b>       | MABN83032                                                                                                                                                                                                                                                                                                                                                                                                             |
| <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 IgG1                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen:</b>        | Purified recombinant fragment of human SLC27A5 (AA: 508-570 ) expressed in E. Coli.                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity:</b>       | Human,Mouse,Monkey                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications:</b>     | WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Weight:</b> | 75.4kDa                                                                                                                                                                                                                                                                                                                                                                                                               |
| <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>       | The protein encoded by this gene is an isozyme of very long-chain acyl-CoA synthetase (VLCS). It is capable of activating very long-chain fatty-acids containing 24- and 26-carbons. It is expressed in liver and associated with endoplasmic reticulum but not with peroxisomes. Its primary role is in fatty acid elongation or complex lipid synthesis rather than in degradation. This gene has a mouse ortholog. |