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| <b>Product name:</b>     | Neurod Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                           |
| <b>Cat number:</b>       | MABN83029                                                                                                                                                                                                                                                                                                                                                                  |
| <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 Neurod (AA: 26-91 ) expressed in E. Coli.                                                                                                                                                                                                                                                                                           |
| <b>Reactivity:</b>       | Human,Mouse,Monkey                                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications:</b>     | WB 1:500-1:2000,ELISA 1:5000-1:20000                                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Weight:</b> | 40kDa                                                                                                                                                                                                                                                                                                                                                                      |
| <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>       | This gene encodes a member of the NeuroD family of basic helix-loop-helix (bHLH) transcription factors. The protein forms heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. It regulates expression of the insulin gene, and mutations in this gene result in type II diabetes mellitus. |