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| <b>Product name:</b>     | Cardiac Troponin I (2D10) Mouse Monoclonal Antibody                                                                                                                                                                               |
| <b>Cat number:</b>       | MABN03686                                                                                                                                                                                                                         |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                      |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                             |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                        |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                            |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                             |
| <b>Isotype:</b>          | IgG2a                                                                                                                                                                                                                             |
| <b>Immunogen:</b>        | A synthetic peptide of human Cardiac Troponin I                                                                                                                                                                                   |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                 |
| <b>Applications:</b>     | WB 1:500-1:1000, ELISA 1:5000-1:20000                                                                                                                                                                                             |
| <b>Molecular Weight:</b> | Calculated MW: 24 kDa; Observed MW: 28 kDa                                                                                                                                                                                        |
| <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>       | Troponin I (TnI) is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle; see also TNNI1 (MIM 191042). The others are troponin T (TnT; see MIM 191041) and troponin C (TnC; see MIM 191040). |