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| <b>Product name:</b>     | MuRF1 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Cat number:</b>       | MABN81394                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <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>        | Synthesized peptide of human MuRF1 (AA: 293-304).                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications:</b>     | IHC 1:200-1:1000,ELISA 1:5000-1:20000                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Weight:</b> | 40.2kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <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>This gene encodes a member of the RING zinc finger protein family found in striated muscle and iris. The product of this gene is an E3 ubiquitin ligase that localizes to the Z-line and M-line lattices of myofibrils. This protein plays an important role in the atrophy of skeletal and cardiac muscle and is required for the degradation of myosin heavy chain proteins, myosin light chain, myosin binding protein, and for muscle-type creatine kinase.</p> |