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| <b>Product name:</b>     | alpha Skeletal Muscle Actin Mouse Monoclonal Antibody  |
| <b>Cat number:</b>       | MABN85022  |
| <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 IgG  |
| <b>Immunogen:</b>        | Synthetic Peptide of $\alpha$ skeletal muscle actin  |
| <b>Reactivity:</b>       | Human, Mouse, Rat  |
| <b>Applications:</b>     | WB 1:500-1:1000, IHC 1:50-1:100, ICC 1:50-1:200, IP 1:10-1:20  |
| <b>Molecular Weight:</b> | Calculated MW: 42 kDa; Observed MW: 42 kDa   |
| <b>Purification:</b>     | Affinity Purification  |
| <b>Form:</b>             | Liquid   |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide, 0.5% BSA and 50% glycerol.   |
| <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>       | Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. |