

|                          |                                                                                                                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | SMN (2F1) Mouse Monoclonal Antibody                                                                                                                                                                 |
| <b>Cat number:</b>       | MABN00855                                                                                                                                                                                           |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                        |
| <b>Size:</b>             | 100µL                                                                                                                                                                                               |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                          |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                              |
| <b>Host:</b>             | Mouse                                                                                                                                                                                               |
| <b>Isotype:</b>          | IgG1                                                                                                                                                                                                |
| <b>Immunogen:</b>        | A synthetic peptide of human Gemin 1                                                                                                                                                                |
| <b>Reactivity:</b>       | Human,Monkey                                                                                                                                                                                        |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100,FC 1:50-1:100,IP 1:20-1:50                                                                                                                                           |
| <b>Molecular Weight:</b> | Calculated MW: 32 kDa; Observed MW: 39 kDa                                                                                                                                                          |
| <b>Purification:</b>     | Ascitic Fluid                                                                                                                                                                                       |
| <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>       | The SMN complex plays an essential role in spliceosomal snRNP assembly in the cytoplasm and is required for pre-mRNA splicing in the nucleus. It may also play a role in the metabolism of snoRNPs. |