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| <b>Product name:</b>     | Neurofilament light polypeptide Rabbit Monoclonal Antibody   |
| <b>Cat number:</b>       | MABN01596  |
| <b>Conjugate:</b>        | Unconjugated   |
| <b>Size:</b>             | 100 $\mu$ L  |
| <b>Clone:</b>            | Monoclonal   |
| <b>Concentration:</b>    | 1mg/ml   |
| <b>Host:</b>             | Rabbit   |
| <b>Isotype:</b>          | IgG  |
| <b>Reactivity:</b>       | Mouse  |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50  |
| <b>Molecular Weight:</b> | Calculated MW: 62 kDa; Observed MW: 68 kDa   |
| <b>Purification:</b>     | Affinity Purification  |
| <b>Form:</b>             | Liquid   |
| <b>Buffer:</b>           | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA  |
| <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>       | Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. Miscellaneous NF-L is the most abundant of the three neurofilament proteins and, like the other nonepithelial intermediate filament proteins, it can form homopolymeric 10-nm filaments. |