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| <b>Product name:</b>  | MAP2 Mouse Monoclonal Antibody                                                                                                                                      |
| <b>Cat number:</b>    | MABN84992                                                                                                                                                           |
| <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>     | Synthetic Peptide of MAP2                                                                                                                                           |
| <b>Reactivity:</b>    | Human, Mouse, Rat                                                                                                                                                   |
| <b>Applications:</b>  | IHC 1:50-1:100, ICC 1:50-1:200                                                                                                                                      |
| <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>    | The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules. |