



# Phospho-Tau (Ser199) Rabbit mAb

|                                  |                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-Ab-17774                                                                                                                                                                                                                                                                                          |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity</b>                | Human,Mouse,Rat                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>                 | MAPT                                                                                                                                                                                                                                                                                                 |
| <b>Alternative Names</b>         | MAPT; Microtubule-associated protein tau; MTBT1; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau                                                                                                                                                                                |
| <b>Research Field</b>            | Neuroscience                                                                                                                                                                                                                                                                                         |
| <b>Product Categories</b>        | Primary antibody                                                                                                                                                                                                                                                                                     |
| <b>Host</b>                      | Rabbit                                                                                                                                                                                                                                                                                               |
| <b>Molecular Weight</b>          | Calculated MW:79kDa;Observed MW:50-70kDa                                                                                                                                                                                                                                                             |
| <b>Clonality</b>                 | Monoclonal Antibody                                                                                                                                                                                                                                                                                  |
| <b>Clonality No.</b>             | R82-2D-1                                                                                                                                                                                                                                                                                             |
| <b>Dilution</b>                  | WB: 1/500-1/1000                                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>                 | A synthesized peptide derived from human Phospho-Tau (S199)                                                                                                                                                                                                                                          |
| <b>Purification</b>              | Affinity Chromatography                                                                                                                                                                                                                                                                              |
| <b>Conjugation</b>               | Unconjugated                                                                                                                                                                                                                                                                                         |
| <b>Modification</b>              | Phosphorylated                                                                                                                                                                                                                                                                                       |
| <b>Form</b>                      | Liquid                                                                                                                                                                                                                                                                                               |
| <b>Buffer System</b>             | Liquid in PBS , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                             |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>                   | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                                                                                                                                                                             |
| <b>Background</b>                | Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                 |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**