

## MAPT recombinant antibody

MAPT Recombinant Monoclonal Antibody

|                               |                             |                            |                              |
|-------------------------------|-----------------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA279016</b> | HOST<br><b>HEK293F Cell</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|-----------------------------|----------------------------|------------------------------|

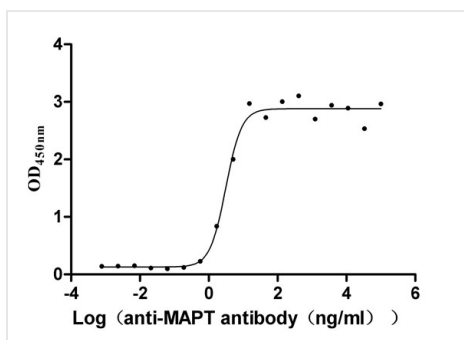
### PRODUCT SYNONYMS

MAPT; Monoclonal Recombinant Antibody; MAPT Recombinant Monoclonal Antibody; Microtubule-associated protein tau (Neurofibrillary tangle protein)(Paired helical filament-tau)(PHF-tau); MAPTL MTBT1 TAU; MAPT recombinant antibody

### PRODUCT SPECIFICATIONS

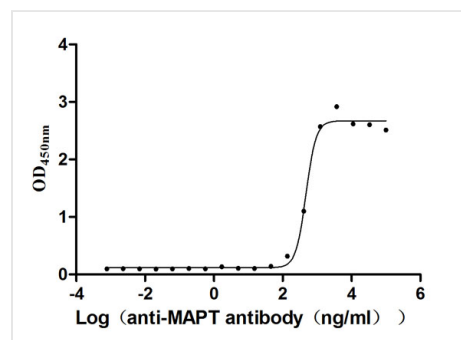
|                                                       |                                                                             |
|-------------------------------------------------------|-----------------------------------------------------------------------------|
| Host                                                  | HEK293F Cell                                                                |
| Reactivity                                            | Human                                                                       |
| Clonality                                             | Monoclonal                                                                  |
| Isotype                                               | hIgG4(S228P)                                                                |
| Clone Number                                          | 8C2                                                                         |
| Purity/Purification                                   | Affinity purified                                                           |
| Form/Format                                           | Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.                 |
| Applicable Applications for MAPT recombinant antibody | ELISA                                                                       |
| Immunogen Species                                     | Human                                                                       |
| Immunogen                                             | Recombinant Human MAPT protein                                              |
| Conjugation                                           | Non-conjugated                                                              |
| Research Area                                         | Immunology                                                                  |
| Preparation and Storage                               | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### ELISA

The Binding Activity of MAPT with Anti-MAPT recombinant antibodyActivity: Measured by its binding ability in a functional ELISA. Immobilized Macaca mulatta MAPT at 2 ug/ml can bind Anti-MAPT recombinant antibody, the EC50 is 2.464-3.979 ng/ml.



#### ELISA

The Binding Activity of Mapt with Anti-MAPT recombinant antibodyActivity: Measured by its binding ability in a functional ELISA. Immobilized Mouse Mapt at 2 ug/ml can bind Anti-MAPT recombinant antibody, the EC50 is 436.1-518.6 ng/ml.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 294862258                                                                                                                                                                                                    |
| NCBI GeneID                      | 4137                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_001116538.2                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_001123066.3                                                                                                                                                                                               |
| UniProt Accession #              | P10636; P18518; Q14799; Q15549; Q15550; Q15551; Q1RMF6; Q53YB1; Q5CZ17; Q5XWF0; Q6QT54; Q9UDJ3                                                                                                               |
| Molecular Weight                 | 78,928 Da                                                                                                                                                                                                    |
| NCBI Official Full Name          | microtubule-associated protein tau isoform 6                                                                                                                                                                 |
| NCBI Official Synonym Full Names | microtubule-associated protein tau                                                                                                                                                                           |
| NCBI Official Symbol             | MAPT                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17                                                                                                                                                         |
| NCBI Protein Information         | microtubule-associated protein tau; PHF-tau; paired helical filament-tau; neurofibrillary tangle protein; microtubule-associated protein tau, isoform 4; G protein beta1/gamma2 subunit-interacting factor 1 |
| UniProt Protein Name             | Microtubule-associated protein tau                                                                                                                                                                           |
| UniProt Gene Name                | <b>MAPT</b>                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | MAPTL; MTBT1; TAU; PHF-tau                                                                                                                                                                                   |
| UniProt Entry Name               | TAU_HUMAN                                                                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/mapt-recombinant-antibody-clone-8c2-elisa/279016>