

## Tau recombinant antibody

Tau Rabbit mAb

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                            |
|-----------|--------|-------------------|-----------------------------------------------------------------------------------------|
| AAA315376 | Rabbit | Human, Mouse, Rat | Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

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

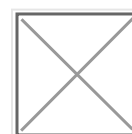
### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                  |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                                           |
| Reactivity                                           | Human, Mouse, Rat                                                                                |
| Clonality                                            | Monoclonal                                                                                       |
| Isotype                                              | Rabbit IgG                                                                                       |
| Specificity                                          | Tau Antibody detects endogenous levels of Tau                                                    |
| Purity/Purification                                  | Affinity-chromatography                                                                          |
| Form/Format                                          | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Applicable Applications for Tau recombinant antibody | FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot) |
| Immunogen                                            | A synthesized peptide derived from human Tau                                                     |
| Preparation and Storage                              | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.       |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescent analysis of T-47D cells, using Tau Antibody.


**WB (Western Blot)**

Western blot analysis of Tau expression in Mouse brain lysate.

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Tau recombinant antibody | Tau is a heterogeneous microtubule-associated protein that promotes and stabilizes microtubule assembly, especially in axons. Six isoforms with different amino-terminal inserts and different numbers of tandem repeats near the carboxy terminus have been identified, and tau is hyperphosphorylated at approximately 25 sites by Erk, GSK-3, and CDK5. |
| Product Categories/Family for Tau recombinant antibody   | <a href="#">Recombinant Rabbit Monoclonal</a>                                                                                                                                                                                                                                                                                                              |

### 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                | MAPT                                                                                                                                                                                                         |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tau-recombinant-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/315376>