

## Product Datasheet

### Tau antibody (orb612882)

|                            |                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Mouse monoclonal antibody against Tau conjugated to RPE                                                                                                                                        |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                          |
| <b>Reactivity</b>          | Human, Mouse                                                                                                                                                                                   |
| <b>Conjugation</b>         | RPE                                                                                                                                                                                            |
| <b>Tested Applications</b> | DOT, ELISA, ICC, WB                                                                                                                                                                            |
| <b>Immunogen</b>           | Human Recombinant Tau441 (2N4R), P301S mutant Protein Pre-formed Fibrils                                                                                                                       |
| <b>Target</b>              | Tau                                                                                                                                                                                            |
| <b>Preservatives</b>       | PBS pH 7.4, 50% glycerol, 0.09% Sodium azide<br>*Storage buffer may change when conjugated                                                                                                     |
| <b>Concentration</b>       | 1mg/mL                                                                                                                                                                                         |
| <b>Storage</b>             | Conjugated antibodies should be stored at 4°C                                                                                                                                                  |
| <b>Note</b>                | For research use only                                                                                                                                                                          |
| <b>Application notes</b>   | A 1:1000 dilution of SMC-608 was sufficient for detection of Tau 2N4R P301S Fibril in 20 ug of Mouse Brain by ECL immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody. |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                           |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                     |
| <b>Uniprot ID</b>          | <b>P10636</b>                                                                                                                                                                                  |
| <b>NCBI</b>                | <b>NP_005901.2</b>                                                                                                                                                                             |
| <b>Entrez</b>              | <b>4137</b>                                                                                                                                                                                    |
| <b>Dilution Range</b>      | WB (1:1000)                                                                                                                                                                                    |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                |