

## Product datasheet for **TA386172**

### Serotonin transporter (SLC6A4) Mouse Monoclonal Antibody [Clone ID: 8B6]

#### Product data:

|                |   |
|----------------|---|
| Product Type:  | Primary Antibodies  |
| Clone Name:    | 8B6   |
| Reactivity:    | Human   |
| Host:          | Mouse   |
| Isotype:       | IgG2a, kappa  |
| Clonality:     | Monoclonal  |
| Immunogen:     | 8B6 was produced by immunising SERT KO mice with residues 73-616 of wildtype human SERT. Hybridomas were generated using established protocols.   |
| Specificity:   | The 8B6 Fab binds to extracellular loops 2 and 4 of hSERT, as shown by crystallography (Coleman et al, 2016).<br><br>The 8B6 Fab fragment was crystallised in complex with human SERT to aid structure determination (Coleman et al, 2016). |
| Formulation:   | PBS with 0.02% Proclin 300.   |
| Concentration: | lot specific  |
| Conjugation:   | Unconjugated  |
| Storage:       | Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.   |
| Stability:     | 3 years from dispatch.  |
| Gene Name:     | solute carrier family 6 member 4  |
| Database Link: | <a href="#">Entrez Gene 6532 Human P31645</a>   |
| Synonyms:      | 5-HTT; 5-HTTLPR; 5HTT; hSERT; HTT; OCD1; OTTHUMP00000163633; SERT   |



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