

## Product Datasheet

### O-GalNAc antibody (orb396452)

|                            |                                                                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Mouse monoclonal antibody against O-GalNAc conjugated to APC .                                                                                                                                       |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                |
| <b>Reactivity</b>          | All                                                                                                                                                                                                  |
| <b>Conjugation</b>         | APC                                                                                                                                                                                                  |
| <b>Tested Applications</b> | ELISA, ICC, IHC, WB                                                                                                                                                                                  |
| <b>Immunogen</b>           | Synthetic $\beta$ -O-Linked N-Acetylglucosamine conjugated to Keyhole Limpet Hemocyanin (KLH).                                                                                                       |
| <b>Target</b>              | O-GalNAc                                                                                                                                                                                             |
| <b>Preservatives</b>       | PBS pH 7.4, 50% glycerol, 0.09% Sodium azide<br>*Storage buffer may change when conjugated                                                                                                           |
| <b>Concentration</b>       | 1 mg/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-503 was sufficient for detection of O-GlcNAc in 2 $\mu$ g of O-GlcNAc conjugated to BSA by ECL immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary Antibody. |
| <b>Isotype</b>             | IgM                                                                                                                                                                                                  |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                           |
| <b>Dilution Range</b>      | WB (1:1000); ICC/IF (1:50); ELISA (1:1000); IHC (1:25)                                                                                                                                               |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                      |