

## Product Datasheet

### Alpha Synuclein antibody (orb413348)

**Description**

Mouse monoclonal antibody against alpha

|                            |                                                                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                                    |
| <b>Conjugation</b>         | PerCP                                                                                                                                                                                                |
| <b>Tested Applications</b> | DOT, ELISA, ICC, IHC, WB                                                                                                                                                                             |
| <b>Immunogen</b>           | Mouse alpha synuclein aggregate                                                                                                                                                                      |
| <b>Target</b>              | Alpha Synuclein                                                                                                                                                                                      |
| <b>Preservatives</b>       | PBS pH 7.4, 50% glycerol, 0.09% Sodium azide *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-532 was sufficient for detection of Alpha Synuclein in 15 µg of human brain cell lysate 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>          | <a href="#">O55042</a>                                                                                                                                                                               |
| <b>NCBI</b>                | <a href="#">NP_001035916.1</a>                                                                                                                                                                       |
| <b>Entrez</b>              | <a href="#">20617</a>                                                                                                                                                                                |
| <b>Dilution Range</b>      | WB (1:1000); DB (1:1000); IHC (1:200); ICC/IF (1:100); ELISA (1:1000)                                                                                                                                |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                      |