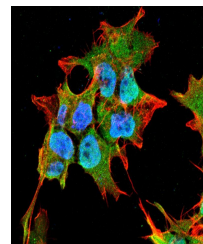


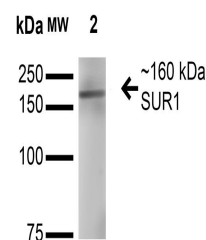
## Product Datasheet

### SUR1 Antibody (orb67497)

|                            |                                                                                                                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Mouse Anti-Rat SUR1 Monoclonal IgG1                                                                                                                                                                      |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                    |
| <b>Reactivity</b>          | Hamster, Human, Mouse, Rat                                                                                                                                                                               |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                             |
| <b>Tested Applications</b> | ICC, IHC, WB                                                                                                                                                                                             |
| <b>Immunogen</b>           | Fusion protein amino acids 1548-1582 (cytoplasmic C-terminus) of rat SUR1                                                                                                                                |
| <b>Target</b>              | SUR1                                                                                                                                                                                                     |
| <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>             | -20°C                                                                                                                                                                                                    |
| <b>Note</b>                | For research use only                                                                                                                                                                                    |
| <b>Application notes</b>   | 1 µg/ml of SMC-409 was sufficient for detection of SUR1 in 20 µg of mouse brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody. |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                                     |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                               |
| <b>MW</b>                  | 160kDa                                                                                                                                                                                                   |
| <b>Uniprot ID</b>          | <a href="#">Q09429</a>                                                                                                                                                                                   |
| <b>NCBI</b>                | <a href="#">NP_037171.2</a>                                                                                                                                                                              |
| <b>Entrez</b>              | <a href="#">25559</a>                                                                                                                                                                                    |
| <b>Dilution Range</b>      | WB (1:1000), IHC-P (1:1000), ICC/IF (1:100)                                                                                                                                                              |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                          |



Immunofluorescence analysis of neuroblas...



Western Blot analysis of rat brain membr...