

## Product Datasheet

### Sodium-Iodide Symporter antibody (orb149679)

## Description

Mouse monoclonal antibody against NIS

|                            |                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                          |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                              |
| <b>Conjugation</b>         | RPE                                                                                                                                                                                            |
| <b>Tested Applications</b> | AM, ICC, IHC, WB                                                                                                                                                                               |
| <b>Immunogen</b>           | Mannose binding protein hNIS fusion (AA468-643)                                                                                                                                                |
| <b>Target</b>              | Sodium Iodide Symporter                                                                                                                                                                        |
| <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>   | 1 µg/ml of SMC-391 was sufficient for detection of hNIS in 20 µg of transfected COS-7 cell membrane lysate by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. |
| <b>Isotype</b>             | IgG1 Kappa                                                                                                                                                                                     |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                     |
| <b>MW</b>                  | 15kDa                                                                                                                                                                                          |
| <b>Uniprot ID</b>          | <a href="#">Q92911</a>                                                                                                                                                                         |
| <b>NCBI</b>                | <a href="#">NP_000444.1</a>                                                                                                                                                                    |
| <b>Entrez</b>              | <a href="#">6528</a>                                                                                                                                                                           |
| <b>Dilution Range</b>      | WB (1:1000), IHC (1:1000)                                                                                                                                                                      |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                |