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# Product Datasheet

## Streptavidin Phycoerythrin Conjugated (orb348769)

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| **Description** | Streptavidin Phycoerythrin Conjugated |
| **Conjugation** | RPE |
| **Tested Applications** | DOT, FC, IF, Multiplex Assay |
| **Preservatives** | 0.01% (w/v) Sodium Azide |
| **Form/Appearance** | Lyophilized |
| **Concentration** | 0.5 mg/mL |
| **Storage** | Store vial at 4° C prior to restoration. Restore with deionized water (or equivalent). This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis. |
| **Note** | For research use only |
| **Application notes** | Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of Streptavidin Phycoerythrin required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Lesser amounts of Streptavidin Phycoerythrin may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications. |
| **Purity** | Streptavidin-Phycoerythrin was prepared from electrophoretically purified streptavidin isolated from Streptomyces avidinii conjugated to the chromophore R-Phycoerythrin. Free fluorochrome is removed by tandem molecular sieve chromatography. |
| **Uniprot ID** | **P22629** |

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| **Expiration Date** | 12 months from date of receipt. |