# eBioscience™ Streptavidin PE-Cyanine7

**Catalog Number:** 25-4317
**Also known as:** SA, Sav
**RUO: For Research Use Only. Not for use in diagnostic procedures.**

## Product Information

**Contents:** eBioscience™ Streptavidin PE-Cyanine7
REF **Catalog Number:** 25-4317
**Concentration:** 0.2 mg/mL

**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
**Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material. This Cy7 tandem dye is sensitive to photo-induced oxidation. Protect this vial from light during storage, handling & experimental procedures.
LOT **Batch Code:** Refer to vial
**Use By:** Refer to vial
**Contains sodium azide**

## Description

The streptavidin fluorochrome conjugates are commonly used in indirect staining protocols to detect biotinylated primary antibodies in flow cytometry. Streptavidin binds to biotin with high affinity.

## Applications Reported

Streptavidin-PE-Cy7 has been reported for use in flow cytometric analysis.

## Applications Tested

Streptavidin PE-Cyanine7 has been tested by flow cytometric analysis to detect biotinylated primary antibodies. This can be used at less than or equal to 0.125 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from $10^5$ to $10^8$ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

**Light sensitivity: This tandem dye is sensitive photo-induced oxidation. Please protect this vial and stained samples from light.**

**Fixation: Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100 µL cell sample + 100 µL IC Fixation Buffer) or 1-step Fix/Lyse Solution (cat. 00-5333) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.**

## Related Products

13-0031 eBioscience™ Anti-Mouse CD3e Biotin (145-2C11)


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