

## eBioscience™ Streptavidin PerCP-eFluor™ 710

**Catalog Number:** 46-4317

**Also known as:** SA, Sav

**RUO: For Research Use Only. Not for use in diagnostic procedures.**

### Product Information

**Contents:** eBioscience™ Streptavidin  
PerCP-eFluor™ 710

 **Catalog Number:** 46-4317

**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.

**Batch Code:** Refer to vial

**Use By:** Refer to vial



### 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 PerCP-eFluor® 710 has been reported for use in flow cytometric analysis.

### Applications Tested

Streptavidin PerCP-eFluor® 710 has been tested by flow cytometric analysis of human peripheral blood cells. 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<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

PerCP-eFluor® 710 can be used in place of PE-Cy5, PE-Cy5.5 or PerCP-Cy5.5. PerCP-eFluor® 710 emits at 710 nm and is excited with the blue laser (488 nm). Please make sure that your instrument is capable of detecting this fluorochrome. For a filter configuration, we recommend using the 685 LP dichroic mirror and 710/40 band pass filter, however the 695/40 band pass filter is an acceptable alternative.

Our testing indicates that PerCP-eFluor® 710 conjugated antibodies are stable when stained samples are exposed to freshly prepared 2% formaldehyde overnight at 4°C, but please evaluate for alternative fixation protocols.

### Related Products

13-0049 eBioscience™ Anti-Human CD4 Biotin (RPA-T4)

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