

## eBioscience™ Streptavidin eFluor™ 450

Catalog Number: 48-4317

Also known as: SA, Sav

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

### Product Information

**Contents:** eBioscience™ Streptavidin  
eFluor™ 450

 **Catalog Number:** 48-4317

**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

**Caution, contains 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 eFluor® 450 has been reported for use in flow cytometric analysis.

### Applications Tested

eFluor® 450 Streptavidin has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.25 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.

**eFluor® 450 is a replacement for Pacific Blue®. eFluor® 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.**

### Related Products

13-0041 eBioscience™ Anti-Mouse CD4 Biotin (GK1.5)

13-0452 eBioscience™ Anti-Human/Mouse CD45R (B220) Biotin (RA3-6B2)

13-4732 eBioscience™ Mouse IgG2b K Isotype Control Biotin (eBMG2b)

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