

## eBioscience™ Streptavidin FITC

**Catalog Number:** 11-4317

**Also known as:** SA, Sav

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

### Product Information

**REF** **Contents:** eBioscience™ Streptavidin FITC  
**Catalog Number:** 11-4317  
**Concentration:** 0.5 mg/mL



**LOT**



**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 FITC has been reported for use in flow cytometric analysis, immunocytochemistry, and immunohistochemical staining of frozen tissue sections.

### Applications Tested

Streptavidin FITC has been tested by flow cytometric analysis and by immunocytochemistry to detect biotinylated primary antibodies. 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. For immunocytochemistry applications, this can be used at less than or equal to 2.5 µg/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Not for further distribution without written consent.

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