

## eBioscience™ Streptavidin eFluor™ 660


**Catalog Number:** 50-4317

**Also known as:** SA, SAV

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

### Product Information

**Contents:** eBioscience™ Streptavidin eFluor™ 660

 **Catalog Number:** 50-4317

**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

**Contains sodium azide**



### Description

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

### Applications Reported

Streptavidin eFluor® 660 has been reported for use in flow cytometric analysis, immunohistochemical staining of frozen tissue sections, immunohistochemical staining of formalin-fixed paraffin embedded tissue sections, and immunocytochemistry.

### Applications Tested

Streptavidin eFluor® 660 has been tested by immunocytochemistry on fixed and permeabilized cells using a biotinylated primary antibody followed by SAV eFluor® 660. This can be used at less than or equal to 5 µg/mL. SAV eFluor® 660 has been tested by immunohistochemistry of formalin-fixed paraffin embedded tissue using a biotinylated primary antibody and can be used at less than or equal to 5 µg/mL. SAV eFluor® 660 has also been tested by flow cytometric analysis to detect biotinylated primary antibodies and can be used at less than or equal to 0.06 µg per test. A test is defined as the amount (µg) of conjugate 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 this reagent be carefully titrated for optimal performance in the assay of interest.

**eFluor® 660 is a replacement for Alexa Fluor® 647. eFluor® 660 emits at 659 nm and is excited with the red laser (633 nm). Please make sure that your instrument is capable of detecting this fluorochrome.**

### Related Products

00-4953 eBioscience™ IHC /ICC Blocking Buffer - Low Protein

00-4954 eBioscience™ 20X TBS Wash Buffer for IHC/ICC

00-4958 Fluoromount-G™

13-4502 eBioscience™ Anti-alpha Tubulin Biotin (DM1A)

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