



DATA SHEET

Streptavidin APC

Catalog Number: 17-4317

Also Known As: SA, Sav

RUO: For Research Use Only


Product Information

Contents: Streptavidin APC

REF Catalog Number: 17-4317


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.

LOT 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

SAV-APC is excited at 610-640 nm and emits its fluorescence at ~660 nm.

Applications Tested

Streptavidin-APC has been tested by flow cytometric analysis to detect biotinylated primary antibodies. This can be used at less than or equal to 0.06 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.