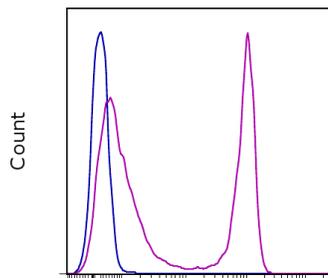


eBioscience™ Streptavidin PE-eFluor™ 610

Catalog Number: 61-4317

Also known as: SA, Sav

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



CD4 Biotin/SAV PE-eFluor 610

Staining of mouse splenocyte cells with 0.125 ug of Rat IgG2b K Isotype Control Biotin (cat. 13-4031) (blue histogram) or 0.125 ug of Anti-Mouse CD4 Biotin (cat. 13-0041) (purple histogram) followed by Streptavidin PE-eFluor® 610. Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: eBioscience™ Streptavidin PE-eFluor™ 610

REF **Catalog Number:** 61-4317

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. This tandem dye is sensitive to photo-induced oxidation. Protect this vial from light during storage, handling & experimental procedures.



LOT

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 PE-eFluor® 610 has been reported for use in flow cytometric analysis.

Applications Tested

Streptavidin PE-eFluor® 610 has been tested by flow cytometric analysis of mouse splenocytes. 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

PE-eFluor® 610 can be excited with laser lines from 488-561 nm and emits at 607 nm. We recommend using a 610/20 band pass filter (equivalent to PE-Texas Red®). Please make sure that your instrument is capable of detecting this fluorochrome.

Light sensitivity: This tandem dye is sensitive to photo-induced oxidation. Please protect this vial and stained samples from light.

Fixation: Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100 µL of cell sample + 100 µL of IC Fixation Buffer) or 1-step Fix/Lyse Solution (cat. 00-5333) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

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Related Products

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

13-4031 eBioscience™ Rat IgG2b K Isotype Control Biotin (eB149/10H5)

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