

Streptavidin/Allophycocyanin*

CATALOG#: 253-060

QUANTITY: 120 tests

VOLUME IN VIAL: 240 µl

RECOMMENDED WORKING DILUTION: 1:10 (Use 20 µl per test)

INFORMATION: Streptavidin APC can be used in conjunction with biotinylated antibodies as an avidin/biotin labeling system for flow cytometry.

STORAGE CONDITIONS: Store at 2 - 5°C. Do not freeze! Protect from light.

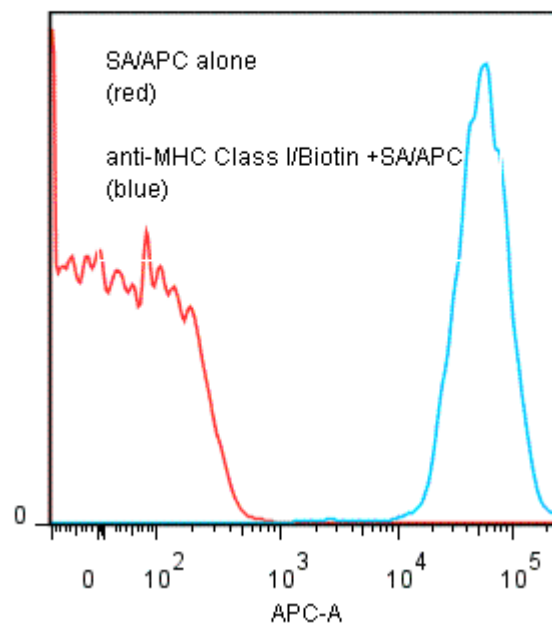
PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 10 mM PBS 150mM NaCl, pH 7.5, 1% BSA, 2% Glycerol, 0.04% Sodium Azide (as a preservative).

PRODUCTION: Purified streptavidin was covalently conjugated to Allophycocyanin (APC) and the conjugate isolated by size exclusion chromatography. Product is at **90 µg/ml**. A650/A280 = 2.62

PERFORMANCE: When used as a second step reagent in Flow cytometry, optimum resolution between signal and background with Ansell biotinylated antibodies was obtained using 20 µl of a 1:10 dilution of product (or 2 µl of stock) to stain 5×10^5 cells. Cells labeled with anti-human MHC Class I/Biotin (Cat #121-030) stained positive with a 3.1 log shift compared to cells labeled with with APC alone.

Binding of SA/APC to labeled and unlabeled PBL



* *Research Use Only. Not for use in Diagnostic procedures.*