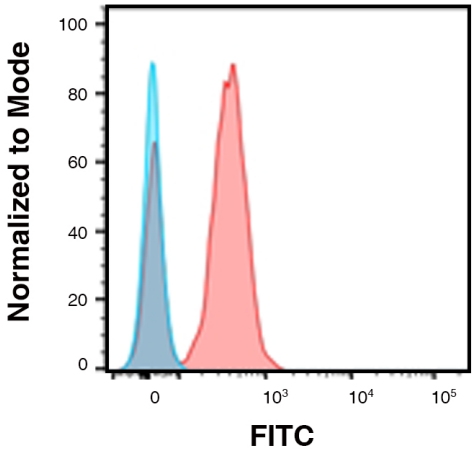
Leinco Technologies, Inc.
excellence in early discovery research™

Streptavidin — FITC

Avidin - Biotin

Product Information
Product No.: S205



100µl of whole blood was stained with biotinylated CD3 followed by SAV-FITC (red histogram) or SAV-FITC alone. Analysis was gated on lymphocytes.

Product Description

Background:
Streptavidin is a biotin binding protein present in the fermentation broth of the bacterium Streptomyces avidinii. Each molecule of streptavidin can bind four molecules of biotin with a high affinity constant (K_d~10^{-15}). Unlike native avidin, streptavidin is not glycosylated and has a near neutral isoelectric point (pI ~ 5-6) vs a pI of 10 for native avidin.

Format:
Fluorescein (FITC)

Formulation
This Fluorescein (FITC) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

Storage and Stability
This Fluorescein conjugate is stable when stored at 2-8°C. **Do not freeze.**

Country of Origin
USA

Products are for research use only. Not for use in diagnostic or therapeutic procedures.
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