9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2932PE: Streptavidin PE Conjugated

Application : FACS
Conjugate : PE

Description

Streptavidin PE is intended for detecting biotinylated antigens and biotinylated antibodies by FLOW cytometry.

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Product Info

Amount :	100 ug
Purification :	Purified recombinant protein is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated protein and free fluorochrome are removed by size-exclusion chromatography.
Content :	Streptavidin PE - 1 vial (0.5 ml) of Ready-to-use solution. No reconstitution is necessary. Reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide.
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Application Note

Flow cytometry: Recomended use: 1 µg/ml. Extracellular and intracellular staining.

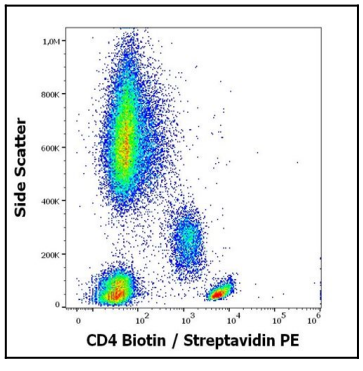


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD4 (MEM-241) Biotin antibody and secondary stained using Streptavidin PE (concentration in sample 1 µg/ml).

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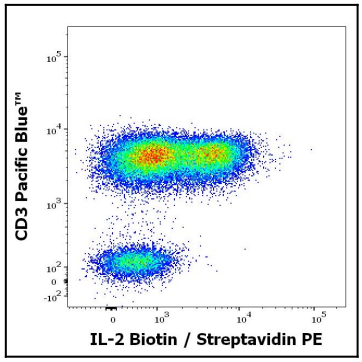


Figure 2: Flow cytometry multicolor surface staining pattern of PMA + Ionomycin stimulated and Brefeldin A treated human lymphocytes using anti-human CD3 (UCHT1) Pacific Blue™ antibody (4 µl reagent / 100 µl of peripheral whole blood) and intracellular staining of human lymphocytes using anti-human IL-2 (35C3) Biotin antibody (concentration in sample 0.5 µg/ml) and secondary stained using Streptavidin PE (concentration in sample 1 µg/ml).

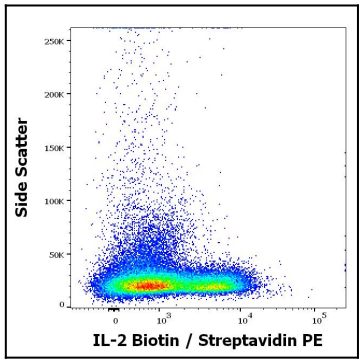


Figure 3: Flow cytometry intracellular staining pattern of PMA + Ionomycin stimulated and Brefeldin A treated human peripheral whole blood stained using anti-human IL-2 (35C3) Biotin antibody and secondary stained using Streptavidin PE (concentration in sample 1 µg/ml).

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