

TECHNICAL DATA SHEET

PE Streptavidin

Catalog Number: 50-4317

PRODUCT INFORMATION

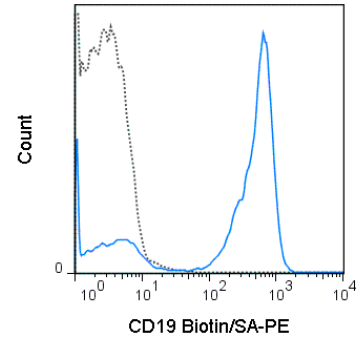
Contents: PE Streptavidin

Concentration: 0.2 mg/mL

Use By: 12 months from date of receipt

Storage Conditions: 2-8°C protected from light

Formulation: 10 mM NaH₂PO₄, 500 mM NaCl, 0.09% NaN₃, pH7.2



C57Bl/6 splenocytes were stained with Anti-Mouse CD19 Biotin (solid line) or Rat IgG2a Biotin isotype control (dashed line), followed by 0.06 ug PE Streptavidin (50-4317).

DESCRIPTION

PE Streptavidin is a second-step reagent useful when detecting biotinylated antibodies in indirect staining protocols. Streptavidin is a nonglycosylated biotin-binding protein that is bacterially derived. Like avidin, it binds to biotin with high affinity but displays less nonspecific binding.

PREPARATION & STORAGE

Streptavidin was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

APPLICATION NOTES

PE Streptavidin has been quality-tested by flow cytometry to detect biotinylated primary antibodies. We recommend titrating the reagent under your specific conditions to determine the optimal concentration needed in your experimental system.

Tonbo Biosciences tests all antibodies by flow cytometry. Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

For Research Use Only.

Not for use in diagnostic or therapeutic procedures. Not for resale. Not for distribution without written consent. Tonbo Biosciences will not be held responsible for patent infringement or other violations that may occur with the use of our products. Tonbo Biosciences, Tonbo Biosciences Logo and all other trademarks are the property of Tonbo Biotechnologies Corporation. © 2013 Tonbo Biosciences.