

FITC Conjugated BSA

Summary:

Cat. Number: SF063

Quantity size: 0.5mL/5.0mL

Concentration: ≈5mg/mL Buffer=0.01M PBS (pH7.4) with 0.03% Proclin300 and 50% Glycerol.

Storage: Shipped at 4°C, Store at -20°C at least one year (Avoid repeated freeze/thaw cycles).

Background:

1. Fluorescein isothiocyanate (FITC) isomer I, MW:389.4, Excitation spectrum: 495nm, Emission spectrum: 525nm
2. Bovine Serum Albumin (BSA), MW: ~68000, purity 98%.
3. Direct labeling: reaction at RT 2.5-3.0h, purified by Sephadex G-50.

Related products:

SPA134 Goat anti-rabbit IgG (purified)

SF134 Goat anti-rabbit IgG-FITC

SE237 Rabbit anti-pig IgG-HRP

A1840 Fluorescent Antibody Dilution Buffer

SF069 OVA-FITC

Related literature:

- [1] Qian Sun, Fang Pei, Man Zhang et al. Curved Nanofiber Network Induces Cellular Bridge Formation to Promote Stem Cell Mechanotransduction. November 2022. (IF=17.521)
- [2] Wei Liu, Qian Sun, Zi-Li Zheng et al. Topographic Cues Guiding Cell Polarization via Distinct Cellular Mechanosensing Pathways. November 2021. (IF=13.281)
- [3] Fenzan Wu, Penghui Wang, Xiaojie Wei et al. Barrier-penetrating liposome targeted delivery of basic fibroblast growth factor for spinal cord injury repair. January 2023. (IF=8.2)
- [4] Qing Chen, Liyue Zhang, Jinli Zhang et al. Bio-based polybenzoxazines coatings for efficient marine antifouling. November 2022. (IF=6.206)
- [5] Jinlan Xie, Feifei Zhong, Zhenhong Guo et al. Hyperinsulinemia impairs the metabolic switch to ketone body utilization in proximal renal tubular epithelial cells under energy crisis *via* the inhibition of the SIRT3/SMCT1 pathway. September 2022. (IF=6.055)

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.