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FITC Conjugated BSA

Summary:

Cat. Number: D16836

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℃, Store at -20℃ 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.