

## 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] Juling Li, Juanhua Tian, Yingtao Gao et al. All-natural superhydrophobic coating for packaging and blood-repelling materials. *Chemical Engineering Journal*. December 2020. (IF=8.36)
- [2] Zhe Li, Yide He, Lasse Hyldgaard Klausen et al. Growing vertical aligned mesoporous silica thin film on nanoporous substrate for enhanced degradation, drug delivery and bioactivity. *Bioactive Materials*. November 2020. (IF=8.724)
- [3] Wenhao Wang et al. Impact of particle size and pH on protein corona formation of solid lipid nanoparticles: a proof-of-concept study. *Acta Pharmaceutica Sinica B*. October 2020. (IF=7.1)
- [4] Ting Zhang et al. A Photoclick Hydrogel for Enhanced Single-Cell Immunoblotting. *Advanced Functional Materials*. March 2020. (IF=15.621)
- [5] Xingxing Ni, Yujie Gao et al. An eco-friendly smart self-healing coating with NIR and pH dual-responsive superhydrophobic properties based on biomimetic stimuli-responsive mesoporous polydopamine microspheres. *Chemical Engineering Journal*. August 2020. (IF=8.355)

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