



## Cell Staining Buffer

Cat. No.	Format	Size
0225-01S	Solution	100 mL
0225-01M	Solution	250 mL
0225-01L	Solution	500 mL

### Overview

---

SouthernBiotech Cell Staining Buffer is formulated to maximize fluorescence signal intensities generated by pH-sensitive fluorochromes. This buffer contains proteins to help minimize non-specific binding and a metabolic inhibitor which aids in the reduction of patching and capping of cell surface antigens. It also inhibits the potential redistribution of cell surface antigens caused by antibody cross linking, thereby preventing the potential loss of fluorescent signal intensities generated by immunofluorescently-stained cells during subsequent flow cytometric analysis.

### Applications

---

FC<sup>1</sup>

### Product Use

---

- For use in immunofluorescent staining of single-cell suspensions prepared from lymphoid tissues, cultured cells, and peripheral blood
- Useful for the dilution and application of fluorescent reagents as well as for the suspension, washing, and storage of cells
- Ready to use formulation

### Handling and Storage

---

- Store at 2-8°C
- Reagent is stable for the period shown on the label if stored as directed.

### Warning

---

Reagent contains sodium azide. Please refer to product specific SDS.

### References

---

1. Tang Y. Immune modulation of Salmonella enterica serotype Pullorum in the chicken [dissertation]. Nottingham (United Kingdom): University of Nottingham; 2016. (FC)

***For Research Use Only. Not for Diagnostic or Therapeutic Use.***

TB0225

29-Jan-19

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768

Email: [info@southernbiotech.com](mailto:info@southernbiotech.com) • Website: [www.southernbiotech.com](http://www.southernbiotech.com)