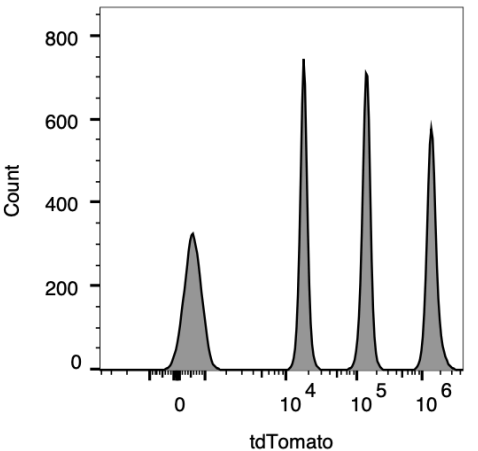
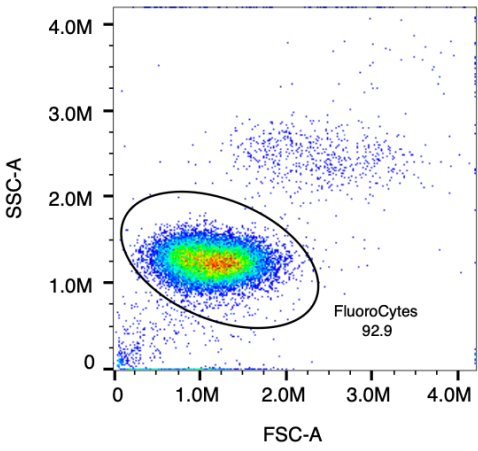


# 1. Technical Data Sheet

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>Summary</b>              | FluoroCytes™ tdTomato Multipeak Control is a compensation and unmixing control containing tdTomato fluorescent protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Application</b>          | <p>FluoroCytes™ provide an authentic fluorescent protein signal for compensation and unmixing. Each test consists of four distinct populations including a negative and three positive levels (low, medium, high) of tdTomato. This product is designed to provide an off-the-shelf solution to replace the burden of generating and maintaining reporter cell lines for single cell controls.</p> <p>Note: FluoroCytes™ performance has been verified and validated on analytical flow cytometers and not on cell sorters.</p> <p><b>For Research Use Only. Not for use in diagnostic or therapeutic procedures.</b></p>                                                                                                                                                                                                                                                              |
| <b>Materials</b>            | This product is lyophilized for stability and ease of use. Each tube contains 200,000 mimics.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Handling and Safety</b>  | No special handling or safety precautions are necessary. See the Safety Data Sheet (SDS) at <a href="http://www.slingshotbio.com">www.slingshotbio.com</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>              | Store lyophilized products at -20°C upon receipt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Expiration</b>           | Refer to Certificate of Analysis (CoA) and product label                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Instructions for Use</b> | <ol style="list-style-type: none"> <li>1. Remove the tube of FluoroCytes™ from the -20 °C and let it sit at room temperature for 5 minutes.</li> <li>2. Tap down the tube to ensure that all cell mimics are collected at the bottom of the tube.</li> <li>3. Add 250 µL of flow staining buffer directly to the bottom of the tube. Note: Avoid contacting or disturbing the pellet until it has been hydrated (~2 minutes).</li> <li>4. Gently pipette up and down ten times to resuspend the cell mimics. Avoid introducing bubbles. Protect the samples from light and keep cold until acquisition.</li> <li>5. Acquire the samples using the same Forward and Side Scatter parameters (FSC-A and SSC-A) as would be used for actual cells. Refer to QC data for expected populations.</li> </ol> <p>Note: For best results, acquire samples immediately after reconstitution.</p> |

|                   |                                                                                                                                                                                                                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QC Data           | <div></div> <p>Figure 1. Left: Scatter plot of FluoroCyte™ mimics. Right: FluoroCytes™ histogram plot showing negative, low, medium and high populations</p> |
| Technical Support | For technical support regarding this product, please contact: <a href="mailto:support@slingshotbio.com">support@slingshotbio.com</a>                                                                                                                                                                                            |