

# 1. Technical Data Sheet

<b>Summary</b>	Slingshot Labs True Negative are lyophilized cell mimics that feature scatter coordinates (FSC and SSC) that closely match lymphocyte populations.
<b>Application</b>	Slingshot Labs True Negative are intended to provide cell mimics that are an ideal process control for assays that have measured readouts using flow cytometry. The cell mimics are blank/unmodified that can be paired with our biomarker controls.  <b>For Research Use Only. Not for use in diagnostic or therapeutic procedures.</b>
<b>Materials</b>	This product is lyophilized for stability and ease of use. Each vial contains approximately $2.5 \times 10^5$ cell mimics.
<b>Handling and Safety</b>	No special handling or safety precautions are necessary. See Safety Data Sheet (SDS) at <a href="http://www.slingshotbio.com">www.slingshotbio.com</a> .
<b>Storage</b>	Store lyophilized products at $-20^{\circ}\text{C}$ upon receipt. Use immediately upon reconstitution.
<b>Expiration</b>	One year from the date of manufacturing.
<b>Instructions for Use</b>	<ol style="list-style-type: none"> <li>1. Tap down the vial to ensure that all cell mimics are collected at the bottom of the vial.</li> <li>2. Add 250 <math>\mu\text{L}</math> of water (see note below) to the vial. Make sure to avoid contacting or disturbing the pellet until it has been fully immersed. Gently pipette up and down to resuspend the cell mimics. Transfer the content to desired container for staining.  <b>Note:</b> Using 1% BSA in water will improve yield during reconstitution, and plain water will improve yield over 1x PBS. MilliQ grade water or higher is preferred for purity, but DI water can be used as well.</li> <li>3. Add 1 mL of chosen reconstitution buffer (see above note) to the original glass vial, mix, and transfer the remaining solution to the desired tube.</li> <li>4. Centrifuge at 500 x g for 5 minutes or 16000 x g for 30 seconds and remove the supernatant without disturbing the cell pellet. Resuspend pellet in desired buffer.</li> </ol>
<b>Technical Support</b>	For technical support regarding this product please contact: <a href="mailto:support@slingshotbio.com">support@slingshotbio.com</a>

