1. Technical Data Sheet

Summary	FlowCytes® Daily are shelf-stable scatter controls for flow cytometry. The product contains three populations of cell mimics engineered to resemble the relative scatter positions and population distributions of human lymphocytes, monocytes, and granulocytes.
Application	FlowCytes® Daily are cell mimics that resemble the scatter distribution and percent populations of the three major white blood cell types. This product is designed for uses such as: daily validation of instrument performance, inter-instrument harmonization, and scatter monitoring over time. *For Research Use Only. Not for use in diagnostic or therapeutic procedures.*
Materials	FlowCytes® Daily cell mimics are suspended in aqueous solution and packaged in a convenient dropper bottle. Each bottle delivers approximately $1x10^5$ particles per droplet from a 50-test dropper bottle.
Handling and Safety	FlowCytes® Daily contains no biological material. It is safe to use in any environment and requires no special disposal. See SDS at www.slingshotbio.com.
Storage	FlowCytes® Daily can be stored between 2-8°C.
Expiration	24 months from date of lot manufacture.
Instructions for Use	1. Pulse vortex the bottle on high for 2-3 seconds to resuspend FlowCytes. 2. Add 1 drop of FlowCytes to a tube or well that contains 100 µL of PBS or sheath fluid. 3. Pulse vortex mixture on high for 2-3 seconds, or pipette up and down to mix thoroughly. 4. View and acquire FlowCytes on FSC-A and SSC-A using the same instrument settings as real whole blood cells. 5. For best results, set the flow rate on the cytometer to low.

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QC Data

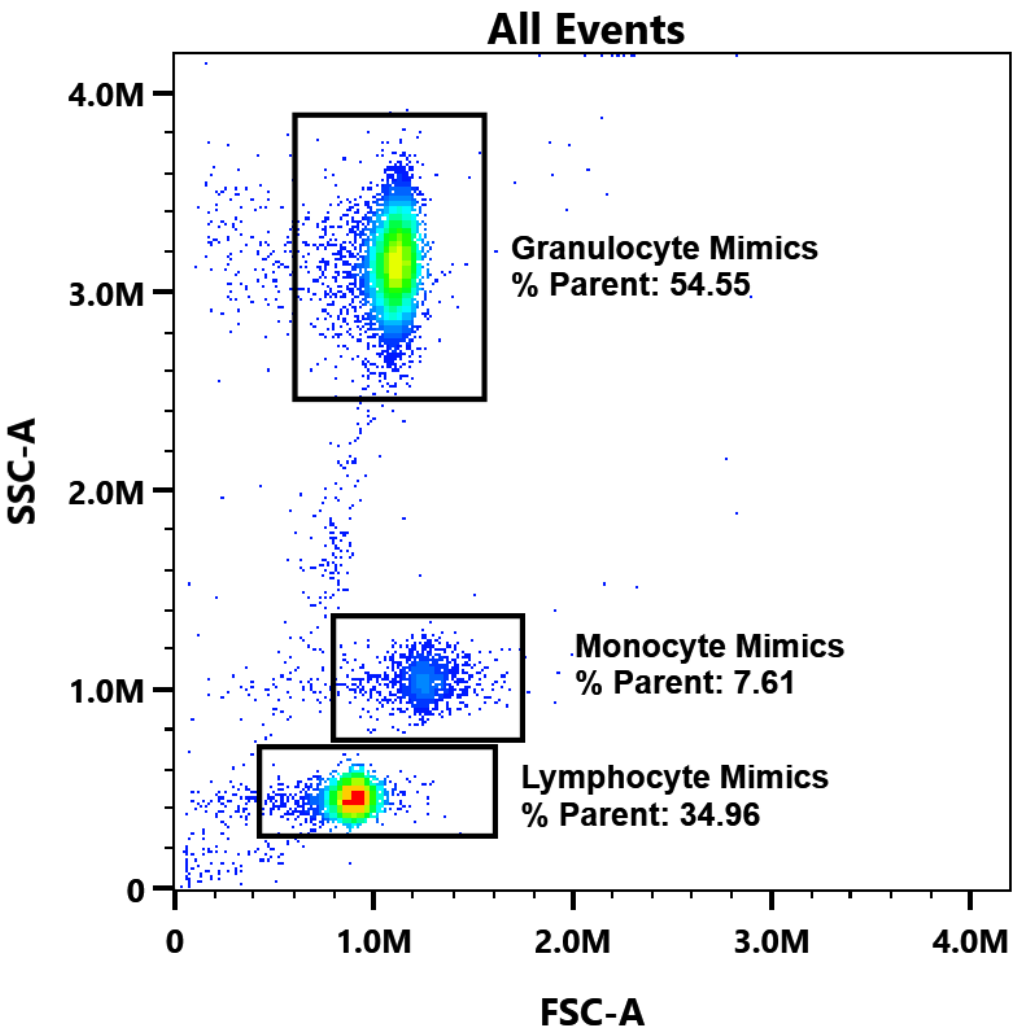


Figure 1: Scatter plot of FlowCytes Daily