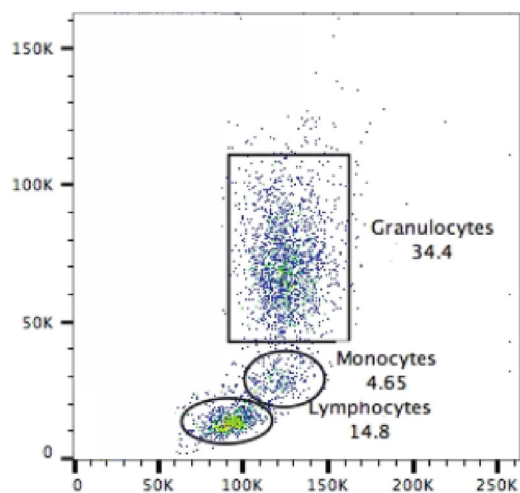


Level-up from solid-core beads

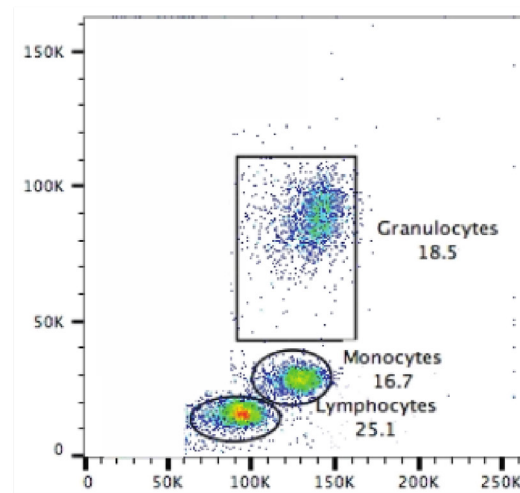
FlowCytes® set a new standard for instrument calibration and traceability

Benefits

- Gain more confidence in instrument settings with reliable and precise controls
- Enhanced sensitivity with easier gating
- Get reliable and quality data fast, without the headaches
- Consistent performance, trust lot-to-lot consistency and predictability regardless of geolocation/multisite studies.



Purified PBMC

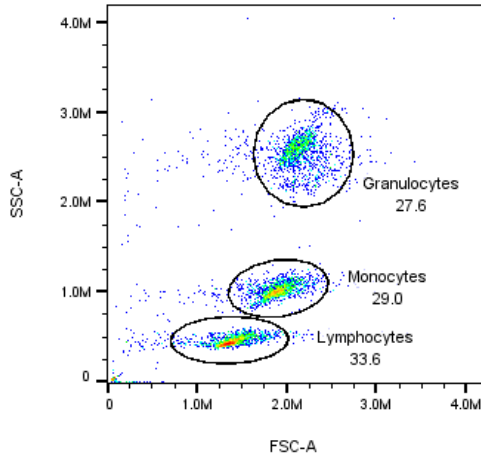


FlowCytes® PBMC

FlowCytes® are the ideal alternative to using cell controls. Instantly and easily mimic lymphocyte, monocyte, and granulocyte populations to calibrate instruments or to QC assays.

Ensuring that instruments are at peak performance and consistent over time is critical to generating quality flow cytometry data. Slingshot's technology uniquely solves this by combining ease of use, accuracy, and consistency to the complicated world of instrument calibration.

Three lots combined in the same FACS tube



Lot-to-lot consistency. Combination of 3 separate lots of FlowCytes ran on a 5 laser Cytex Aurora.

Our shelf-stable, synthetic cells are produced with incredibly high precision which translates to minimal lot-to-lot variability and consistent precision. Known as FlowCytes®, our product is the ideal solution for ensuring that the most advanced flow cytometers are always at peak performance.

Precision polymer-based synthetic cells that mimic real cells

FlowCytes® WBC Scatter mimics are synthetic cells that outperform solid-core beads for instrument and assay calibration. FlowCytes® are innovative synthetic cells that are finely tuned to match the physical features and optical properties (granularity and refractive index) of real cells, enabling optimal instrument settings that will match actual cell samples.

FlowCytes® have a multi-year shelf life—eliminating the sourcing, consistency, and cost limitations of bio-based reference materials.

Quickly calibrate instruments for onsite installations and routine preventative maintenance with less time and hassle. And with exceptional lot-to-lot consistency, the same lot of FlowCytes® can be used across the full instrument lifecycle—manufacturing, on-site installation, and maintenance for perfect consistency, even at multiple sites.

| | FlowCytes® | Cells and Blood | Plastic Beads |
|----------------------------------|-------------|-----------------|---------------|
| Match scatter profile | YES | YES | NO |
| Lot variability | LOW | HIGH | MEDIUM |
| Level of customization | HIGH | NONE | MEDIUM |
| Ease of use and transport | EASY | HARD | EASY |
| Room temp. stable | YES | NO | YES |

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