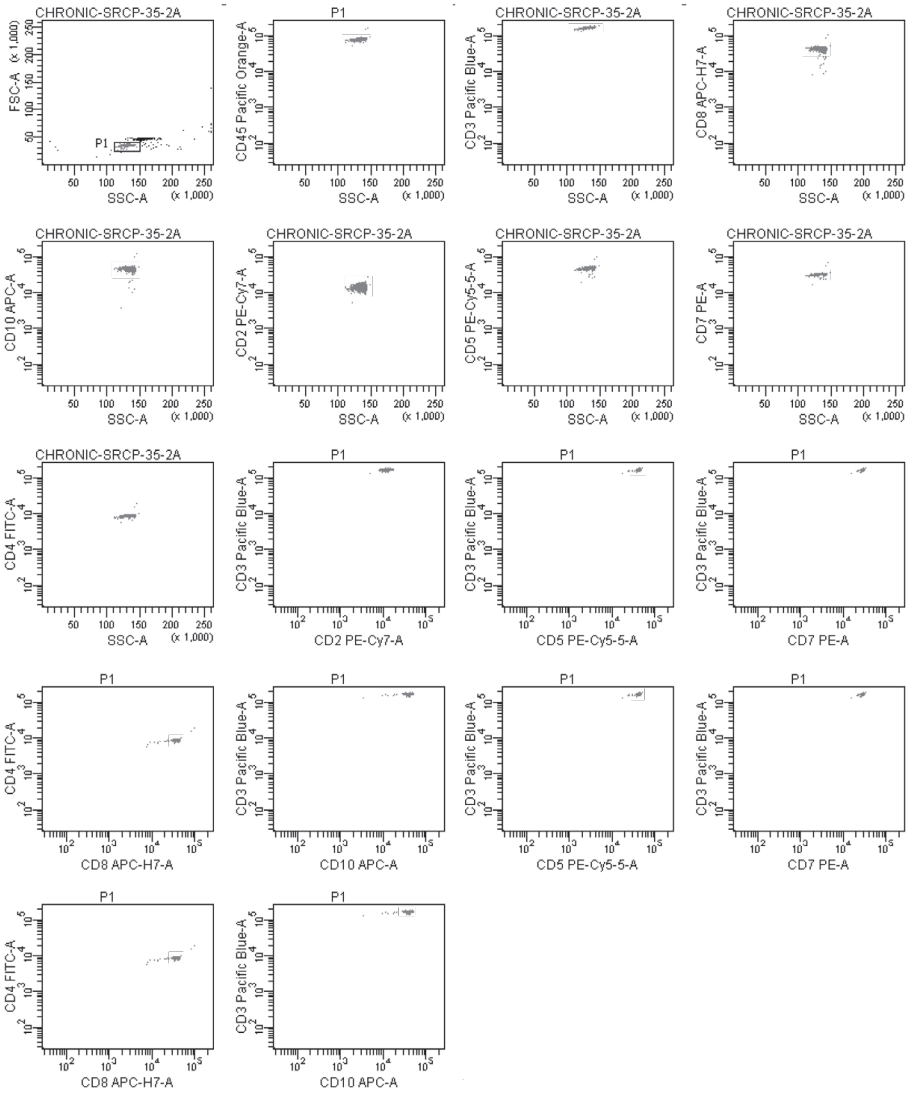
SPHERO™ Supra Rainbow Midrange Fluorescent Particles

- Consists of a single peak which has an intensity similar to real samples
- Contains a single peak with very low fluorescence and size CV
- Fluorescent in UV, FITC, PE, PE-TR, PE-Cy5, PE-Cy7, APC, APC-Cy7, and IR
- Measures the coefficients of variation (CVs), and target channels using experimental setting.

Particle Type and Surface	Size, µm	Catalog No.	Unit
Supra Rainbow Midrange Fluorescent, 10^6/mL	3.0-3.59	SRCP01-35-10A	10 mL
Supra Rainbow Midrange Fluorescent, 10^7/mL	3.0-3.59	SRCP-35-2A	2 mL
Supra Rainbow Midrange Fluorescent, 10^7/mL	3.0-3.59	SRCP-35-5A	5 mL

The SRCP have an intensity close to that of cellular samples with excellect CVs. Once the optimal voltages for an experiment are determined, the setting can be captured as target channels based on the mean fluorescence intensity of the SRCP. This allows creation of Levy-Jennings plots of the voltages to get the beads to a specific target channel number. The target channel numbers are more robust to instrument changes than the voltages themselves. As a result, changes in the instrument are easier to detect.



Dot Plots of SRCP-35-2A on a BD Canto™ II using the settings for cellular samples