**Supporting Information 6: "Calibration of flow cytometers enables reproducible measurements of extracellular vesicle concentrations and reference range establishment"**

Example of the applied fluorescence and light scattering (diameter) gates based on one flow cytometer (FACSymphony A1) that was included in the interlaboratory comparison study (Figure S6.1).

Gates were applied using custom-build software (MATLAB R2020b, MathWorks).

The gates for group 1 are 16 PE MESF and 133 nm for erythrocyte-derived EVs, while for platelet-derived EVs, the gates for group 1 are set at 98 APC MESF and 113 nm.

The gates applied to group 2 are 396 APC MESF, 77 PE MESF and 242 nm for both EV types.

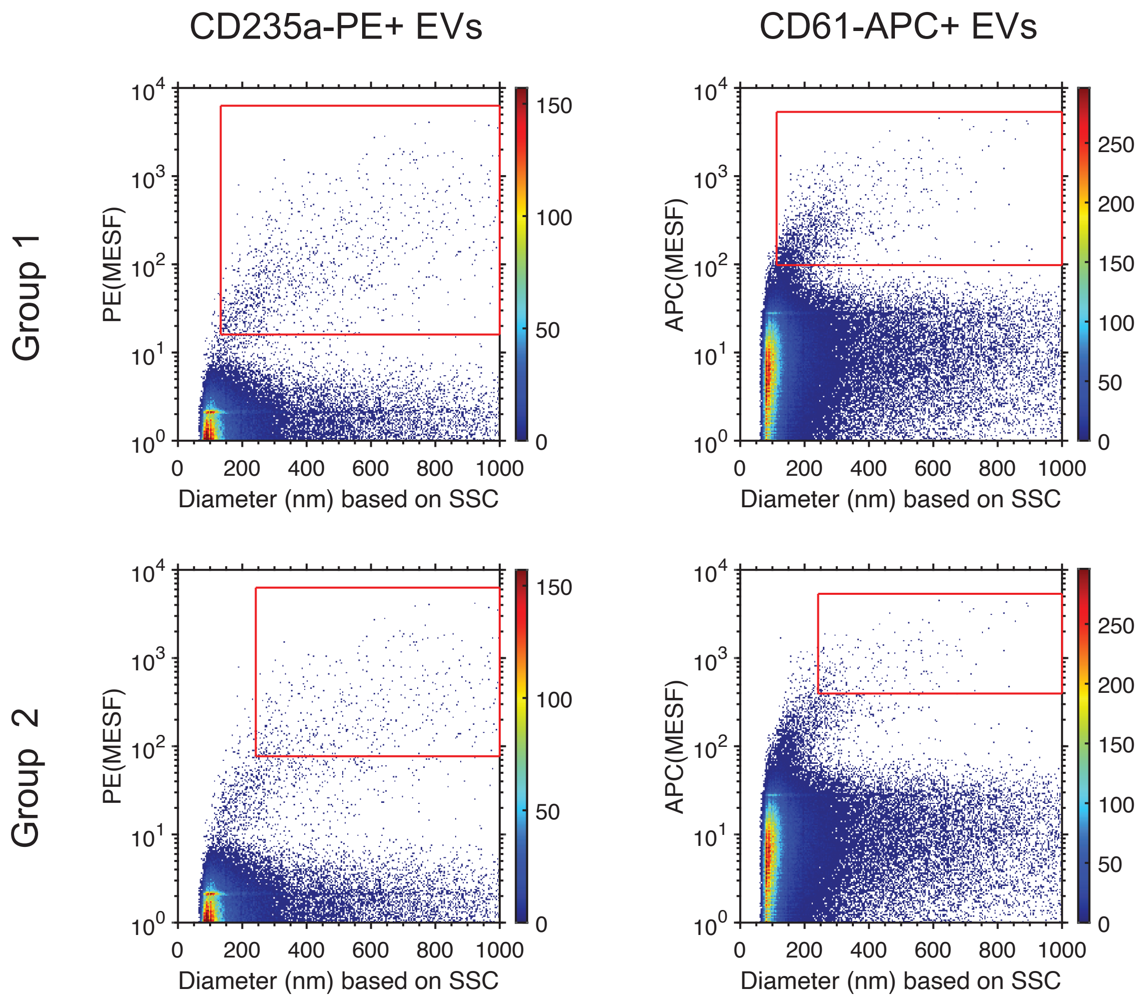


Figure S6.1. Example of the gates applied for the calibrated fluorescence signal (MESF) and diameter (nm) for the flow cytometers (FCMs) included in the interlaboratory comparison study. Gates are shown in red.