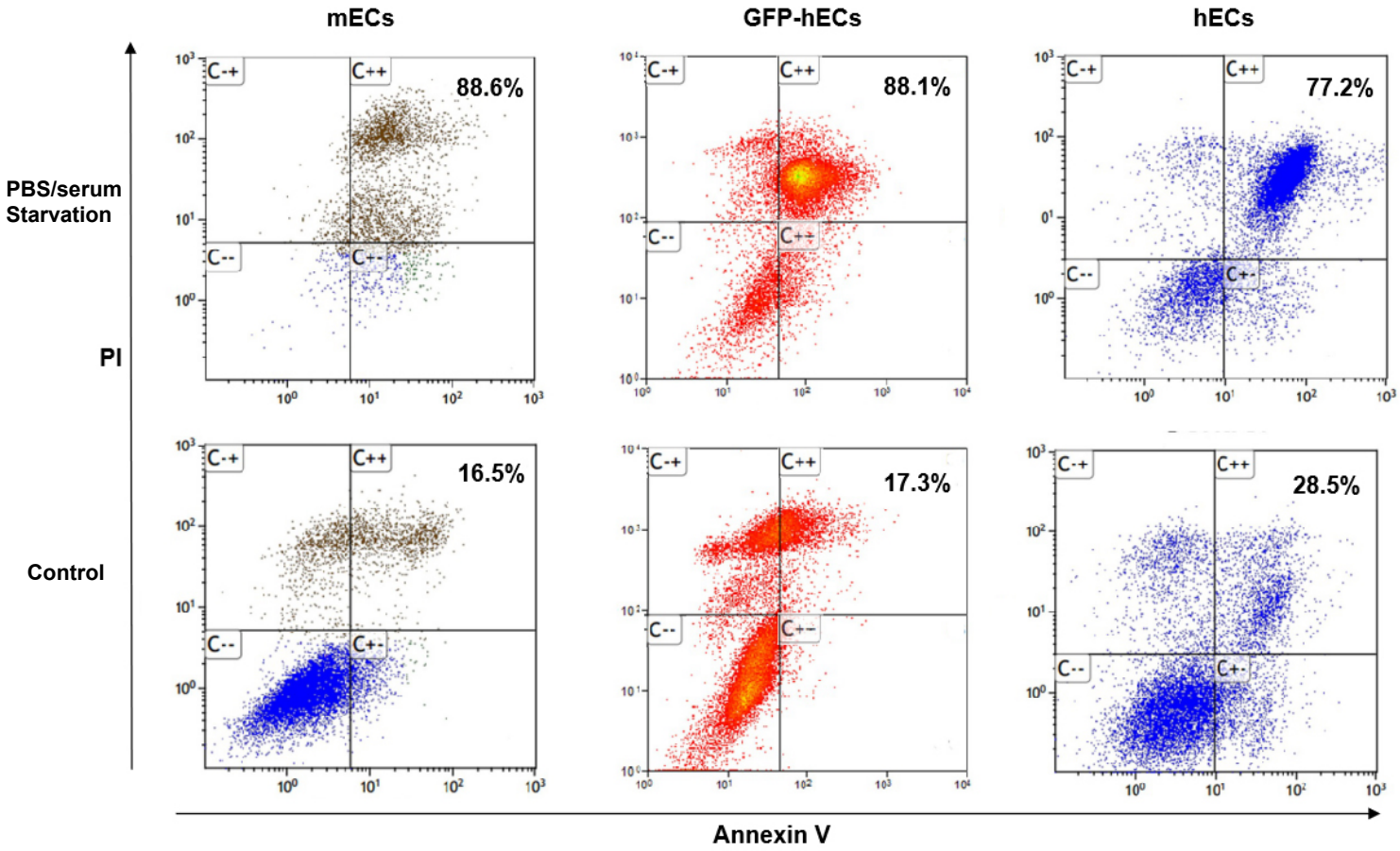
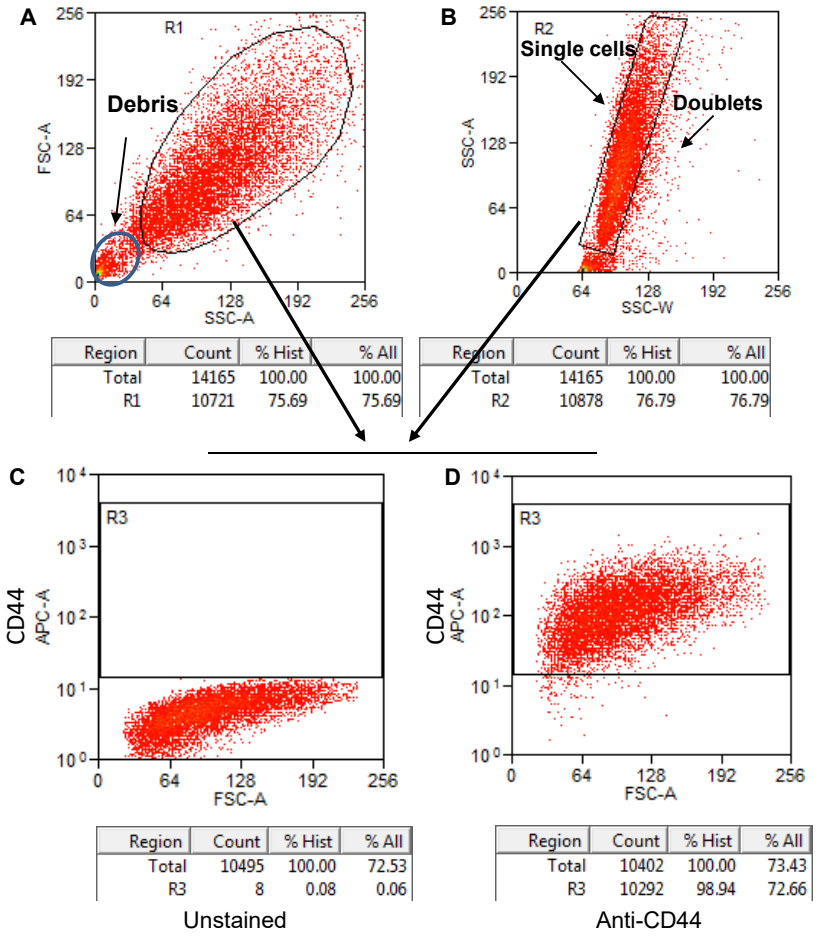


Appendix A. Induction of apoptosis in mECs, GFP-hECs or hECs. mECs were cultured in PBS for 48 hours to induce apoptosis. GFP-hECs or hECs were cultured in serum free vascular cell basal medium for 72 hours to induce apoptosis. Apoptotic ECs were identified as Annexin V positive cells including early apoptotic cell in C+- and late apoptotic cells in C++ or). Percentage shown in the upper corner in scatter plots was the percent of total Annexin V positive cells (C+- plus C++). PI: propidium iodide. Control: cells cultured in complete media.



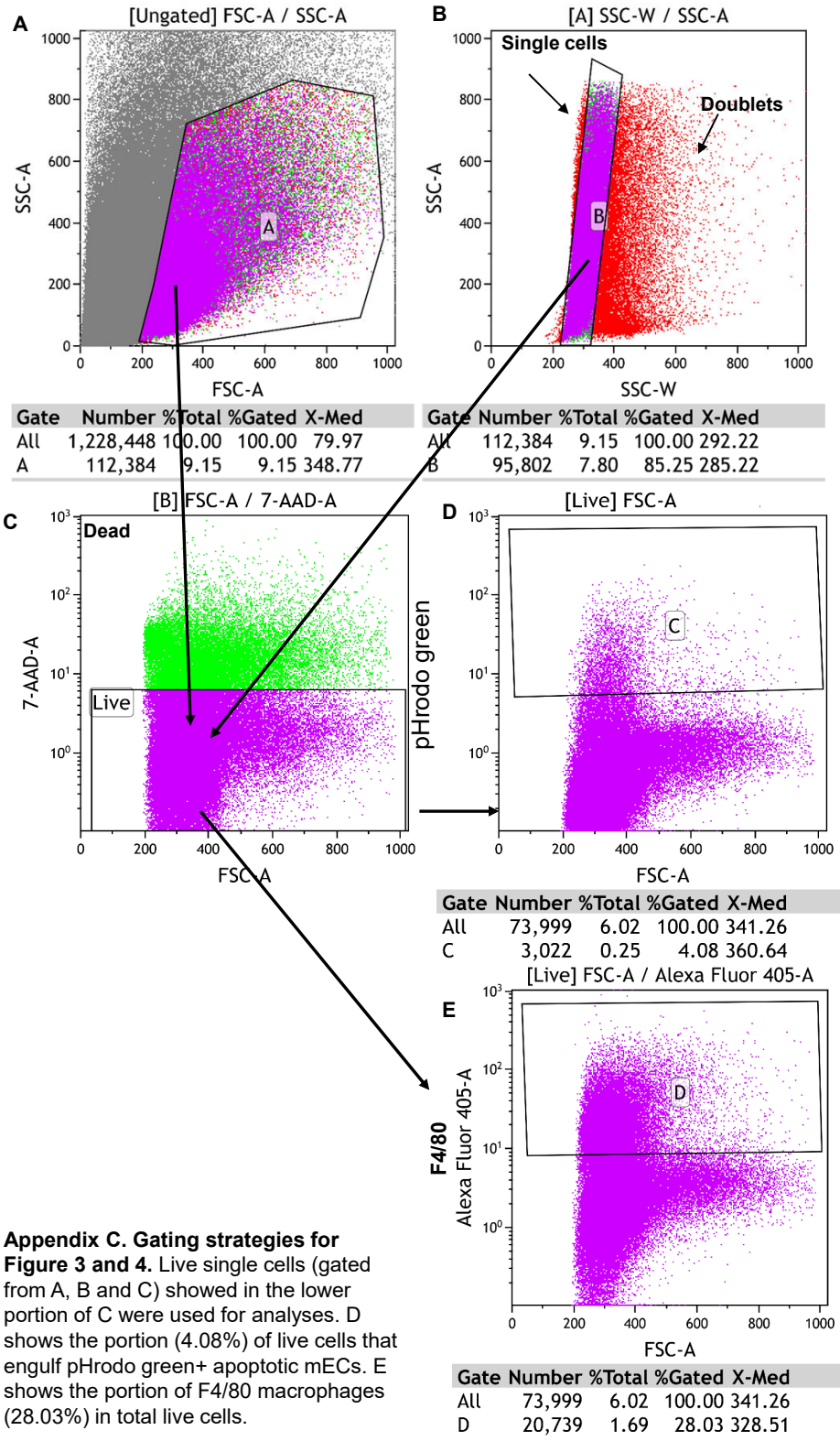
Region	Count	% Hist	% All
Total	14165	100.00	100.00
R1	10721	75.69	75.69

Region	Count	% Hist	% All
Total	14165	100.00	100.00
R2	10878	76.79	76.79

Region	Count	% Hist	% All
Total	10495	100.00	72.53
R3	8	0.08	0.06

Region	Count	% Hist	% All
Total	10402	100.00	73.43
R3	10292	98.94	72.66

Appendix B. Gating strategies for Figure 1 and 2. Single cells (debris and doublets excluded from A and B) were used for analyses. C shows the THP1 cells without any antibody treatment (control). D shows 98.94% THP1 cells incubated with anti-CD44 antibody express CD44.



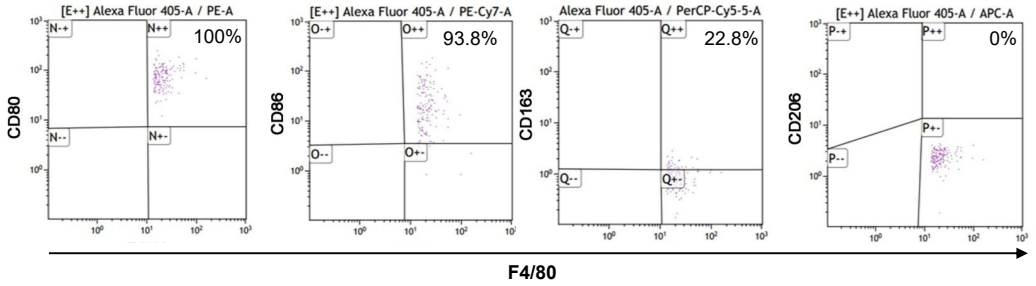
Gate	Number	%Total	%Gated	X-Med
All	1,228,448	100.00	100.00	79.97
A	112,384	9.15	9.15	348.77

Gate	Number	%Total	%Gated	X-Med
All	112,384	9.15	100.00	292.22
B	95,802	7.80	85.25	285.22

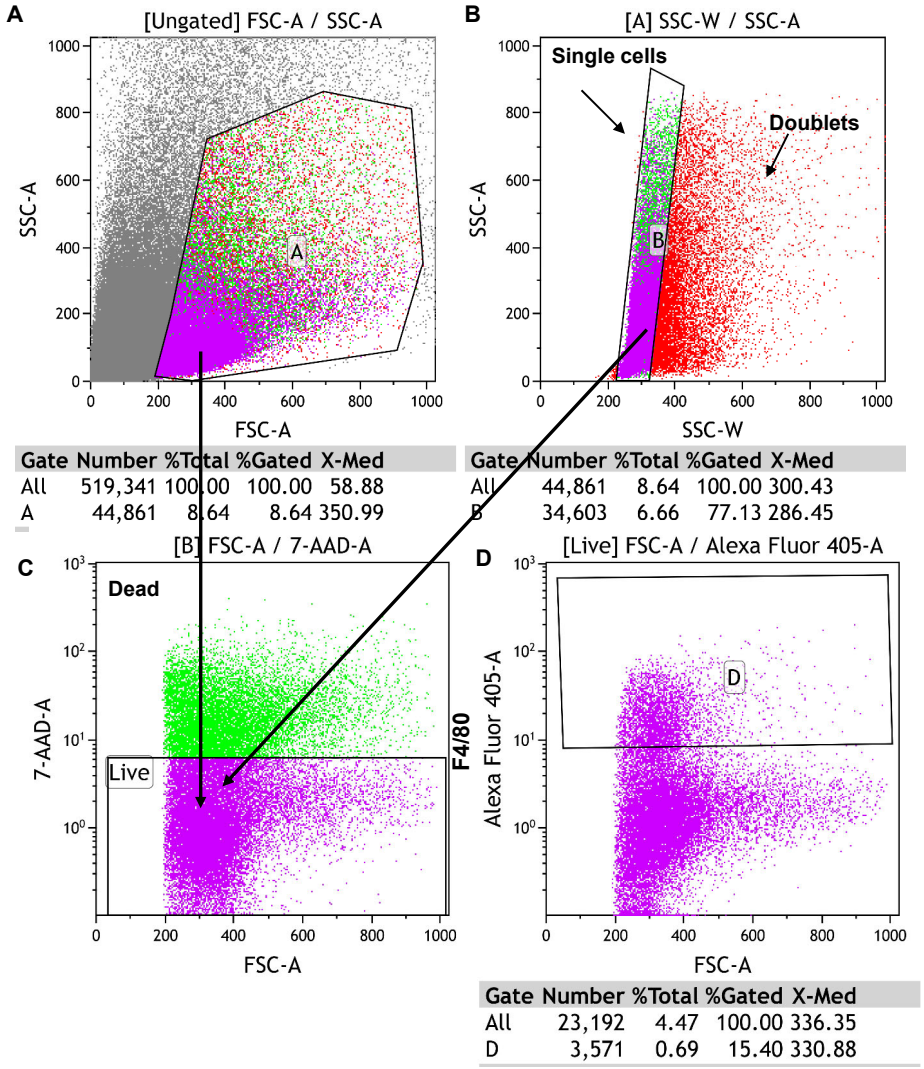
Gate	Number	%Total	%Gated	X-Med
All	73,999	6.02	100.00	341.26
C	3,022	0.25	4.08	360.64

Gate	Number	%Total	%Gated	X-Med
All	73,999	6.02	100.00	341.26
D	20,739	1.69	28.03	328.51

Appendix C. Gating strategies for Figure 3 and 4. Live single cells (gated from A, B and C) showed in the lower portion of C were used for analyses. D shows the portion (4.08%) of live cells that engulf pHrodo green+ apoptotic mECs. E shows the portion of F4/80 macrophages (28.03%) in total live cells.



Appendix D. Expression of CD80, CD86, CD163, and CD206 on F4/80 macrophages with engulfed apoptotic mECs. Cells used for analyses were from E++ quadrant in the right panel of Fig. 3C (F4/80+ and pHrodo green+ cells which were macrophages with engulfed apoptotic ECs). The number showed in the upper right quadrant on each scatter plot is the percentage of the target marker on F4/80 positive macrophages. Representative results from two experiments are shown.



Appendix E. Gating strategies for Figure 6. Live single cells (gated from A, B and C) showed in the lower portion of C were used for analyses. D shows the portion of F4/80 macrophages (15.4%) in total live cells.