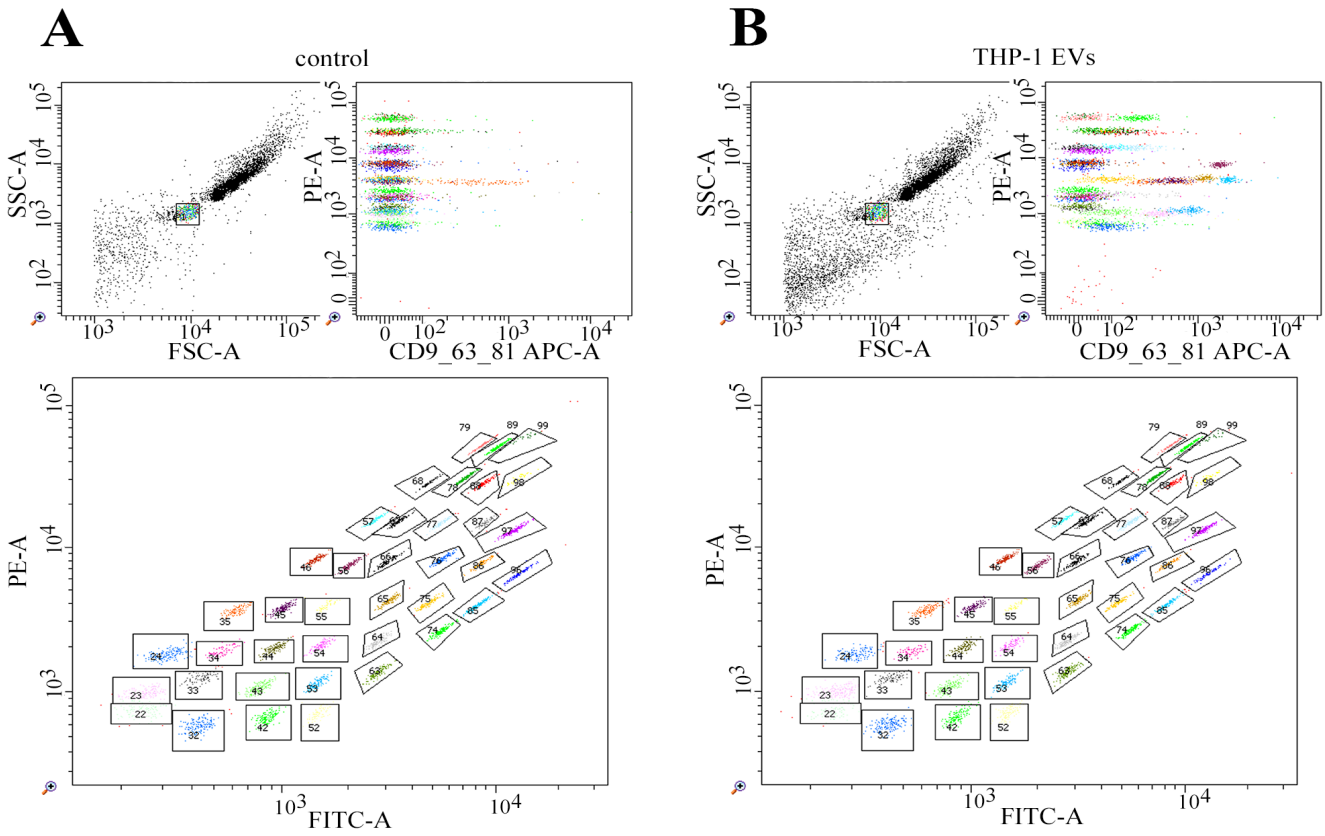
Figure S1. Extracellular vesicles were incubated with different antibody-coated capture beads. The different capture beads could be distinguished by their FITC and PE fluorescence. The captured vesicles were then stained by APC-conjugated anti-CD9, anti-CD63 and anti-CD81 antibodies. (A) FSC-A/SSC-A, selection of the single beads while excluding cross-linked beads. PE-A/APC-A, some populations of single beads showed APC-staining, indicating that extracellular vesicles were bound to those beads. FITC-A/PE-A, the specific bead subsets were selected and the APC-MFI was read out for each of the 39 capture bead subsets. The MFl values were corrected for the background signal (beads with buffer only) before normalization towards the average of anti-CD9, anti-CD63 and anti-CD81 beads. (B) The control (MACSPlex buffer only). MFI, median fluorescence intensity.



C

surface protein	gate no.	median APC anti-CD9/63/81 blank	median APC anti-CD9/63/81 THP-1 EVs
	all	23	107
	P1	13	63
CD3	*22*	24	77
CD4	*23*	11	368
CD19	*24*	10	13
CD8	*32*	6	83
MHC-II	*33*	7	21
CD56	*34*	26	26
CD105	*35*	403	352
CD2	*42*	13	68
CD1c	*43*	10	89
CD25	*44*	14	17
CD49e	*45*	10	507
ROR1	*46*	10	33
CD209	*52*	5	17
CD9	*53*	14	781
SSEA4	*54*	24	27
MHC-I	*55*	12	78
CD63	*56*	13	1821
CD40	*57*	10	99
CD62P	*63*	10	12

surface protein	gate no.	median APC anti-CD9/63/81 blank	median APC anti-CD9/63/81 THP-1 EVs
CD11c	*64*	8	66
CD81	*65*	12	1183
MCSP	*66*	11	14
CD146	*67*	13	7
CD41b	*68*	14	123
CD42a	*74*	14	15
CD24	*75*	10	83
CD86	*76*	14	23
CD44	*77*	11	186
CD326	*78*	37	57
CD133/1	*79*	19	26
CD29	*85*	10	2277
CD69	*86*	6	8
CD142	*87*	10	17
CD45	*88*	11	130
CD31	*89*	14	203
REA Control	*96*	8	14
CD20	*97*	12	29
CD14	*98*	14	82
mIgG1 Control	*99*	14	21