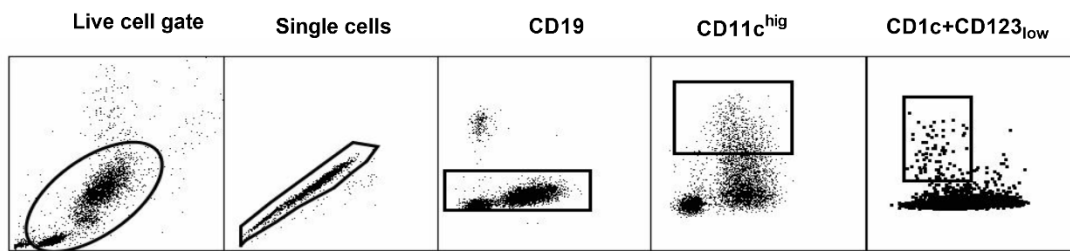


Supplementary figure 1

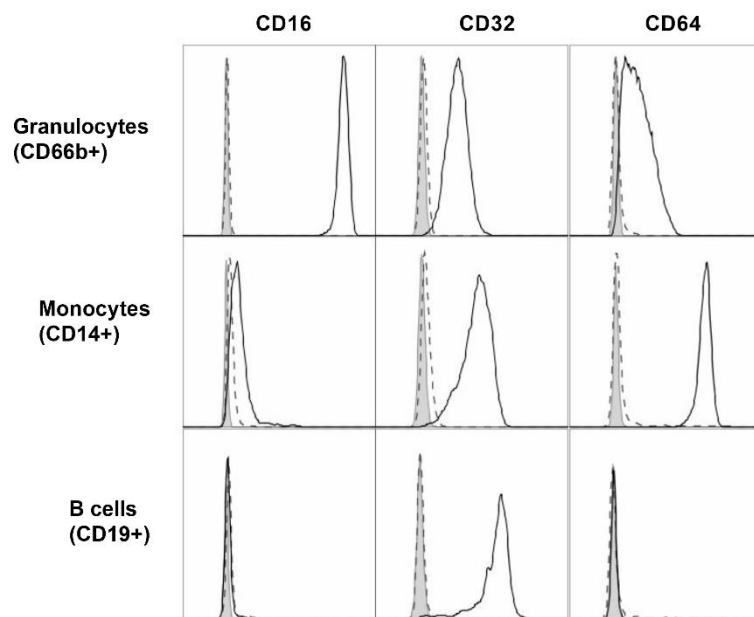
a, Alexa fluor® 488-labelled OVA (OVA), rabbit anti-OVA (raOVA), *in vitro* pre-incubated OVA and raOVA (Preformed IC) or simultaneously added (OVA + raOVA) were incubated in blood from healthy donors in a circulating blood loop assay. After 1 and 4 hours aliquots were harvested and stained for monocytes (CD14), B cells (CD19) and granulocytes (CD66b). The uptake of OVA was analyzed with flow cytometry in which the surface bound OVA was quenched with an anti-Alexa fluor® 488 antibody (n=2).

b, The Alexa flour® 488-labelled conjugates ([MTTE]₃-AF488 and [ETTM]₃-AF488) were pre-incubated *in vitro* with rabbit anti-MTTE (raMTTE) before addition to blood from healthy donors in a circulating blood loop assay. After 1 hour aliquots were harvested and stained for monocytes (CD14+). The uptake was analyzed with flow cytometry and the fold change in MFI (AF488) post-loop/pre-loop (0 time-point) is presented (n=6). The data was analyzed with the Friedman test with Dunn's correction * p < 0.05.



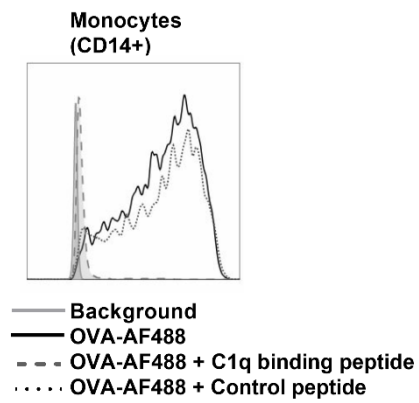
Supplementary figure 2

Gating strategy of CD1c+ blood DCs; live gate (SSC-A/FSC-A), single cells (FSC-H/FSC-A), CD19- (CD19/FSC-A), CD11c^{high}/FSC-A and CD1c+/CD123_{low}.



Supplementary figure 3

Whole blood from a healthy donor was stained for granulocytes (CD66b), monocytes (CD14+), B cells (CD19+) and FcγRs (CD16, CD32 and CD64). The FcγRs expression was analyzed with flow cytometry. The blood cells were stained either without FcγR-specific antibodies (shaded grey), an isotype control (dashed line) or FcγR-specific antibodies (solid line). The figure shows one representative donor out of three.



Supplementary figure 4

Blood samples from healthy donors were pre-incubated with a C1q binding peptide (or control peptide) for 10 minutes before addition of Alexa fluor® 488-labelled OVA (OVA-AF488) to the circulating blood loop assay. After 1 hour aliquots were harvested and stained for monocytes (CD14). The uptake of OVA was analyzed with flow cytometry (n=1).