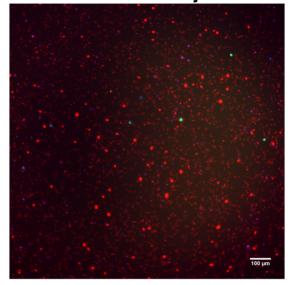
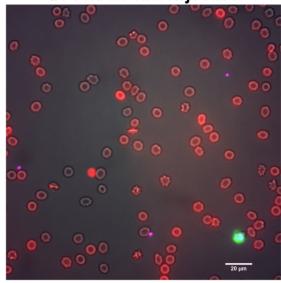
A. 10x/0.45 NA objective



Hoechst, CD235a, CD61, CD45

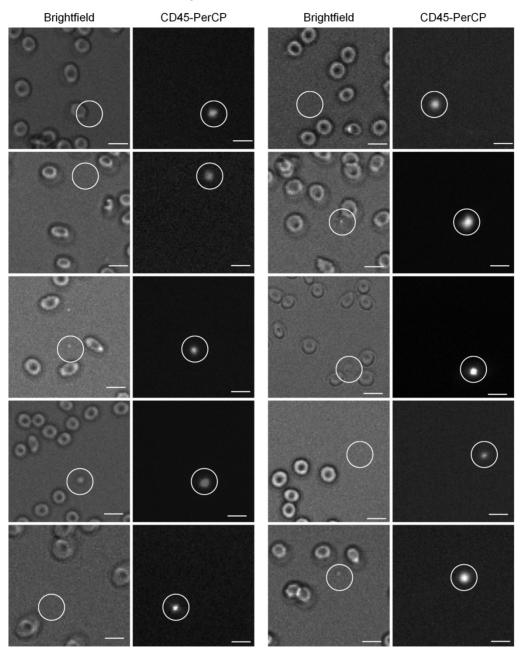
B. 60x/0.7 NA objective



Hoechst, CD235a, CD61, CD45, brightfield

Supplementary Figure S1: Examples of composite immunofluorescence images of blood samples without EpCAM enrichment, obtained with an inverted scanning fluorescence microscope using a $10\times/0.45$ NA (Panel A) and a $60\times/0.7$ NA objective (Panel B). The images that were obtained with the $10\times$ objective were used as an input in the open-source ACCEPT software for the automated enumeration of the different cell and EV populations.

Leukocyte-derived EVs in whole blood



Supplementary Figure S2: Examples of brightfield and immunofluorescence images of leukocyte-derived Extracellular Vesicles, enclosed within circles. Scale bars indicate $10~\mu m$.