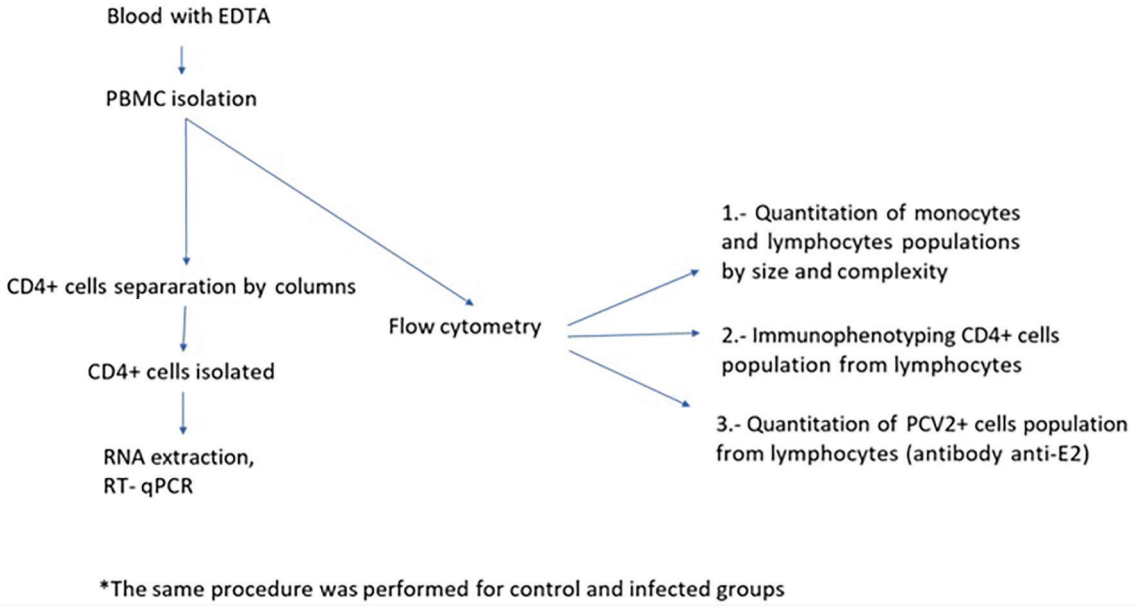
Supplementary material

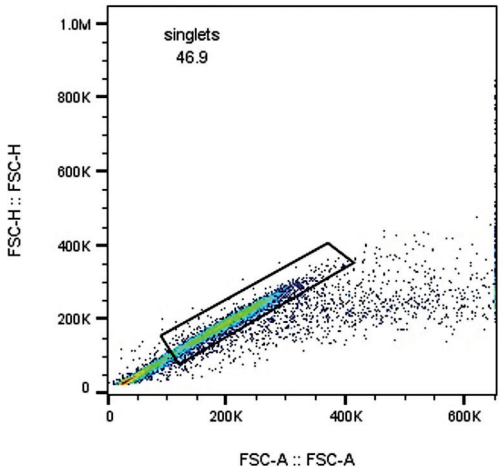
Diagram



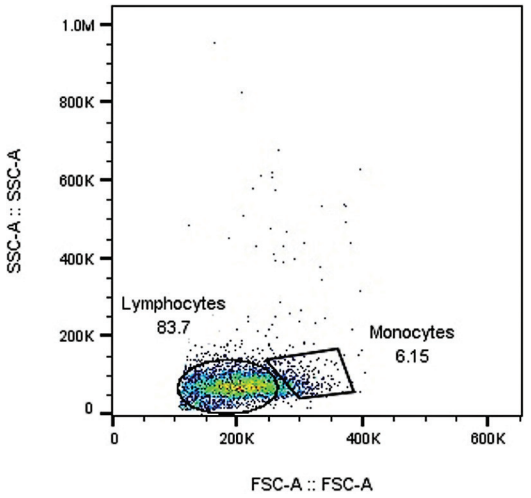
- First, the gating was based on forward scatter (size) and side scatter (cell complexity) to select cells showing homogeneous size and complexity as indicator of lymphocytes.
- Second, we standardized the gating parameters for CD4+ cells. PBMCs were selected with an anti-CD4 antibody and dot plots. Histograms were used to set gating parameters.
- Third, from the gating strategy generated in the two, previous, separate experiments we proceeded to separate cells from all the samples and in all the experiments.

1. Quantitation of monocyte and lymphocyte populations by size and complexity

Singlets from PBMC



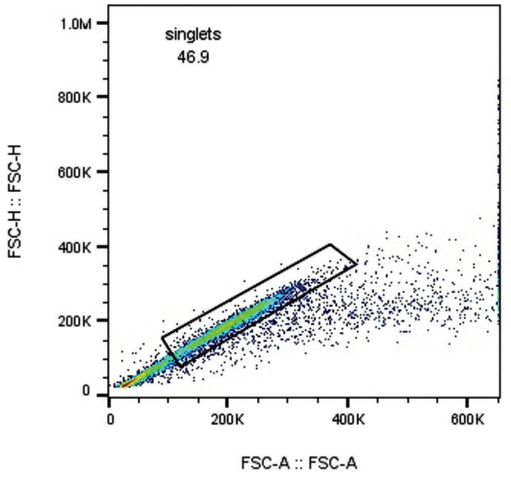
Lymphocytes and monocytes populations from singlets were analyzed according to their size and complexity.



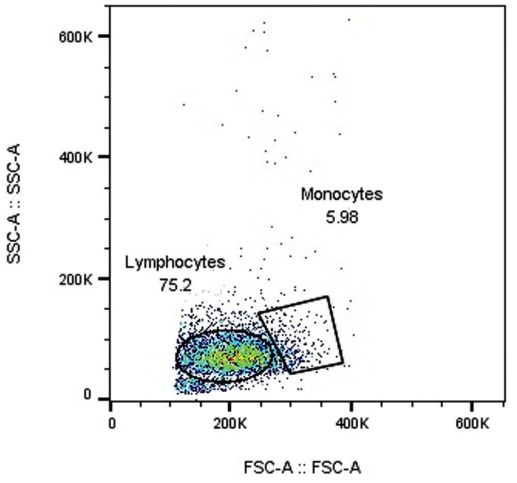
Separation according to: University of Kansas Medical Center. Online-protocol: https://www.kumc.edu/Documents/flow/Peripheral%20Blood%20Mononuclear%20Cell%20and%20RBC%20lysis.pdf

2. Immunophenotyping CD4+ cells population from lymphocytes

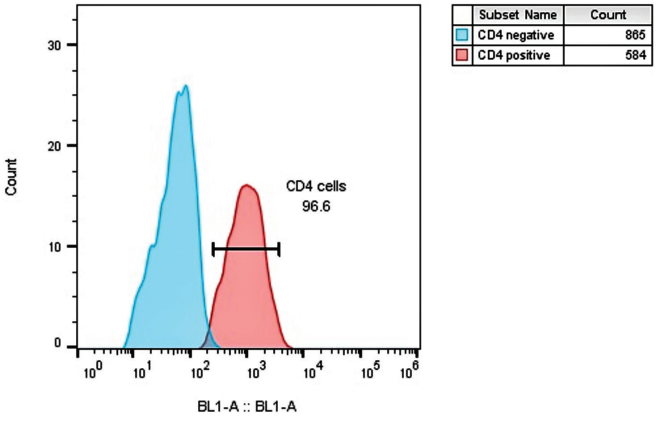
Singlets cells from PBMC



Lymphocytes from singlets for CD4+ cell immunodetection

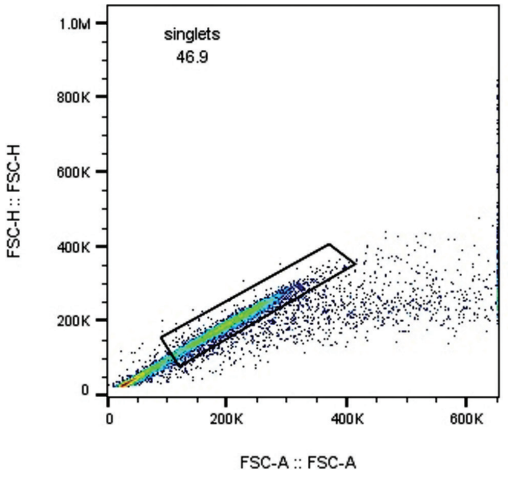


Analysis of negative cells *versus* CD4+ cells.

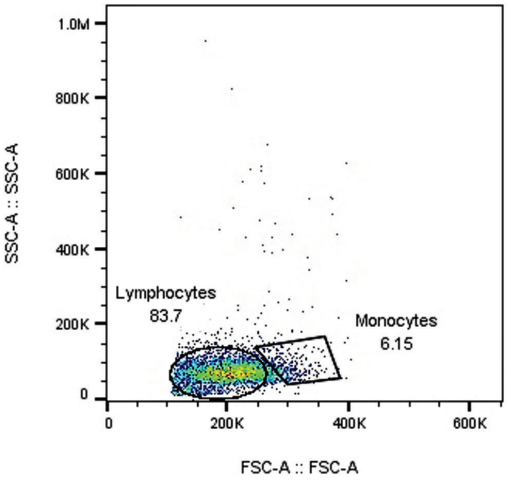


3. Quantitation of PCV-2+ cells population from lymphocytes (antibody anti-E2)

Singlets from PBMC



Lymphocytes from singlets for PCV+ cell immunodetection with antibodies against E2 protein.



Analysis of PCV-2− cells *versus* PCV-2+ cells population.