

Figure S1. The gating strategy used for the flow cytometry. Lymphocytes were gated based on forward scatter area (FSC-A) and side scatter area (SSC-A). A forward scatter height (FSC-H) vs. FSC-A density plot can be used to exclude doublets. A side scatter height (SSC-H) vs SSC-A plot can also be used. Furthermore, live CD3 positive T cells were then further identified and gated by the expression of CD4 and CD8 to identify helper and cytotoxic cells.

Table S1. Antibodies used for flow cytometry.

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| Target | Vendor | Concentration |
| CD4 | BioLegend | 0.5 µg per million cells in 100 µL volume |
| CD3 | BioLegend | 0.5 µg per million cells in 100 µLvolume |
| CD8 | BioLegend | 0.5 µg per million cells in 100 µL volume |
| CD16/32 | BioLegend | 0.25 µg per million cells in 100 µL volume |