**S3.** List of antibodies used and a brief description of the purpose.

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| **Marker** | **Clone** | **Fluorochrome** | **Purpose** |
| CXCR3 | 1C6/CXCR3 | PerCP | Migration marker. Chemokine receptor  |
| CCR5 | 2D7/CCR5 | FITC | Migration marker. Chemokine receptor. HIV co-receptor.  |
| 𝛽7 | FIB504 | APC | Integrin. Associated with (α4) integrin, facilitate cellular adhesion and migration to the gut-associated lymphoid tissue. HIV co-receptor. |
| CD31 | WM59 | FITC | Activation status |
| CD45RA | HI100 | PerCP |
| HLA-DR | L243 | PE-Cy7 |
| CD38 | HIT2 | APC |
| FoxP3 | 259D/C7 | PE | Identification of classic regulatory T cells |
| CD25 | M-A251 | PE-Cy7 |
| Helios | 22F6 | APC | Subset of classic regulatory T cells |
| HLA-G | 87G | PE | Subset of regulatory T cells |
| CD8 | SK1 | PE-Cy7 | Lineage maker |
| CD3 | SK7 | APC-H7 | Lineage marker |
| CD4 | RPA-T4 | V450 | Lineage marker |