**Supplementary Table 4. Characterization of immune cell types using flow cytometry staining in various multicolor panels**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Cell type(s) | Panel  Markers | Fluorochrome\* | Vendor | Clone # | Viability Dye\*\* |
| *CD4 T cells and CD4 Tregs* | CD3a  CD4  CD25  Foxp3 | APC-eFluor780  BV421  BV605  eFluor 660 | Invitrogen  eBioscience  BioLegend  Invitrogen | 145-2C11  RM4-5  PC61  FJK-16S | Near-IR |
| *CD8 T cells* | CD3a  CD8a | APC-eFluor780  eFluor660 | eBioscience  eBioscience | 145-2C11  53-6.7 | Violet |
| *NK and NKT cells* | CD3a  NKP46 | APC-eFluor780  eFluor 450 | Invitrogen  Invitrogen | 145-2C11  29A1.4 | Red |
| *B Cells* | CD19  B220 | AF660  APC-eFluor780 | eBioscience  eBioscience | eBio1D3  RA3-6B2 | Violet |
| *mDC and PDC* | CD11b  CD11c  Siglec H  B220 | eFluor 450  APC  PerCP/Cy5.5  APC-eFluor780 | eBioscience  Invitrogen  BioLegend  eBioscience | M1/70  N418  551  RA3-6B2 | Near-IR |
| *iMCs and Neutrophils* | CD11b  Gr-1  Ly6B.2  F4/80 | eFluor 450  AF700  PE-Vio770  APC | eBioscience  BioLegend  Miltenyi Biotec eBioscience | M1/70  RB6-8C5  REA115  BM8 | Yellow |
| *Macrophages* | CD11b  F4/80  CD68 | eFluor 450  APC  APC-eFluor780 | eBioscience  eBioscience  eBioscience | M1/70  BM8  FA-11 | Yellow |

\*FITC fluorochrome was additionally applied to correspond with the YFP+ population in Foxp3YFP/Cre HuRfl/fl or the GFP+ population in Foxp3-GFP mice, where applicable.

\*\*Viability Dye (LIVE/DEAD™ Fixable Stain) kit (Invitrogen, Catalog number L34960) was used, with dye selection based on panel configuration as listed above.