**Table S1: Definition of the analyzed immune cell subsets**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | **Name (short)** | **Name (full)** | **Full marker definition** | | T | T cells | CD45+ CD3+ | | gdT | Gamma delta T cells | CD45+ CD3+ TCRgd+ | | Th | T helper cells | CD45+ CD3+ TCRgd- CD4+ CD8- | | Tconv | Conventional T helper cells | CD45+ CD3+ TCRgd- CD4+ CD8- FoxP3- | | Treg | Regulatory T cells | CD45+ CD3+ TCRgd- CD4+ CD8- FoxP3+ | | ILC | Innate lymphoid cells | CD45+ CD3- CD19- Gr-1- CD11b- EOMES- | | NKT | Natural killer T cells | CD45+ CD3+ NK1.1+ | | NK | Natural killer cells | CD45+ CD3- NK1.1+ | | Neutrophils | Neutrophils | CD45+ CD3- NK1.1- CD11b+ Ly6G+ SSC-A*high* | | B | B cells | CD45+ CD3- NK1.1- Ly6G- CD19+ | | cDCs | Classical dendritic cells | CD45+ CD3- NK1.1- Ly6G- CD19- CD45R- CD11c+ MHCII+ | | Macro1 | Macrophage definition 1 | CD45+ CD3- NK1.1- Ly6G- CD19- CD45R- CD11b+ F4/80*high* CD11b*high* | | Macro2 | Macrophage definition 2 | CD45+ CD3- NK1.1- Ly6G- CD19- CD45R- CD11b+ F4/80*high* CD11b*dim* | | Mono | Monocyte definition 1 | CD45+ CD3- NK1.1- Ly6G- CD19- CD45R- CD11b+ F4/80*low* CD11b*high* | | Mono2 | Monocyte definition 2 | CD45+ CD3- NK1.1- Ly6G- CD19- CD45R- CD11b+ F4/80- CD11b*high* MHCII+ | | pDC |  | CD45+ CD3- NK1.1- Ly6G- CD19- CD45R+ CD11b- Ly6C+ | |

**Table S2: Antibodies used for immunophenotyping.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | **Antibody** | **Clone** | **Company** | **Cat No.** | | CD103 PE-Dazzle 594 | 2E7 | BioLegend | 121430 | | CD115 APC | REA827 | Miltenyi Biotech | 130-112-640 | | CD11b Alexa Fluor700 | M1/70 | BD pharmingen | 557960 | | CD11b Biotin | RB6-8C5 | BioLegend | 108403 | | CD11c PerCP-Cy5.5 | N418 | BioLegend | 117327 | | CD127 BV711 | A7R34 | BioLegend | 135035 | | CD19 APC-Vio770 | REA749 | Miltenyi Biotech | 130-111-886 | | CD3 BV421 | 17A2 | BD Horizon | 564008 | | CD4 APC-Vio700 | GK1.5 | Miltenyi Biotech | 130-118-957 | | CD4 BV711 | RM4-5 | BioLegend | 100549 | | CD44 FITC | IM7 | BD pharmingen | 553133 | | CD45 PE Vio770 | REA737 | Miltenyi Biotech | 130-110-661 | | CD45R Biotin | RA3-6B2 | BioLegend | 103203 | | CD45R PE-Cy5 | RA3-6B2 | BioLegend | 103210 | | CD69 PE-Cy5 | H1.2F3 | BioLegend | 104510 | | CD8a BV650 | 53-6.7 | BioLegend | 100741 | | CD8a PerCP Cy5.5 | 53-6.7 | invitrogen | 45-0081-82 | | CD80 BV650 | 16-10A1 | BioLegend | 104732 | | CD86 BV711 | GL1 | BD OptiBuild | 740688 | | EOMES APC eFluor 780 | WD1928 | eBioScience | 47-4877-41 | | F4/80 PE | BM8 | BioLegend | 123110 | | Fc Block |  | Miltenyi Biotech | 130-092-575 | | FoxP3 Alexa Fluor 700 | FJK-16s | eBioScience | 56-5773-82 | | GM-CSF PE-Dazzle594 | MP1-22E9 | BioLegend | 505421 | | Gr-1 Biotin | RB6-8C5 | BioLegend | 108403 | | IFNg BV785 | XMG1.2 | BioLegend | 505838 | | IL-17A PE | eBio17B7 | eBioScience | 12-7177-81 | | IL-22 PerCP eFluor 710 | IL22JOP | life technologies | 46-7222-82 | | Ly6C BV605 | AL-21 | BD Horizon | 563011 | | Ly6G PE-Vio615 | REA526 | Miltenyi Biotech | 130-123-029 | | MHCII BV785 | M5/114.15.2 | BioLegend | 107645 | | NK1.1 VB-B515 (FITC) | REA1162 | Miltenyi Biotech | 130-120-503 | | RORgt BV650 | Q31-378 | BD Horizon | 564722 | | Streptavidin BV785 |  | BioLegend | 405249 | | Streptavidin PE-Cy5 |  | BioLegend | 405205 | | Tbet PE | REA102 | Miltenyi Biotech | 130-121-340 | | TCRgd BV605 | GL3 | BioLegend | 118129 | | TNFa FITC | REA636 | Miltenyi Biotech | 130-124-212 | |