|  |  |  |  |
| --- | --- | --- | --- |
| ***Ex vivo*** |  |  |  |
| **Marker** | **Clone** | **Fluorescent label** | **Supplier** |
| CCR4 | L291H4 | PE-Cy7, PE-Dazzle 594 | Biolegend |
| CCR6 | G034E3 | PE | Biolegend |
| CCR7 | 150503 | PE-CF594 | BD Biosciences |
| CD243 (MDR1) | UIC2 | APC | Biolegend |
| CD25 | 2A3 | BV605 | BD Biosciences |
| CD3 | SK7 | AF700, APC-H7, BV785 | Biolegend |
| CD4 | OKT4 | BV510 | Biolegend |
| CD45 | HI30 | PerCP-Cy5.5 | BD Biosciences |
| CD45RA | HI100 | APC-H7, BV711 | BD Biosciences |
| CD45RO | UCHL1 | PerCP-Cy5.5 | BD Biosciences |
| CD8 | SK1 | FITC, PerCP-Cy5.5 | BD Biosciences |
| CXCR3 | G025H7 | APC, BV421, PE-Cy7 | Biolegend |
| DNAM-1 | DX11 | BB515 | BD Biosciences |
| PSGL-1 | KPL-1 | BV605 | BD Biosciences |
| VLA-4 | 9F10 | BV711 | BD Biosciences |
| ***In situ*** |  |  |  |
| **Marker** | **Clone** | **Host species** | **Supplier** |
| CD4 | SP35 | Rabbit | Ventana |
| HLA-II | CR3/43 | Mouse | DAKO |
| MAP2 | HSM5 | Mouse | Pierce |
| MDR1 | UIC2 | Mouse | Genetex |
| MOG | Z12 | Mouse | Kind gift from prof. dr. S. Amor, VUmc |

**Supplementary table 1A:** Used antibodies for *ex vivo* and *in situ* analysis

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene name** | **Protein name** | **Forward/Reverse** | **5’-3’ sequence** |
| *ABCB1* | MDR1 | Forward | GGAAATTTAGAAGATCTGATGTCAAAC |
|  |  | Reverse | CACTGTAATAATAGGCATACCTGGTC |
| *NR3C1* | GR | Forward | TTCAAAAGAGCAGTGGAAGGA |
|  |  | Reverse | TTTCTTCGAATTTTATCGATGATG |
| *IL23R* | IL-23R | Forward | CCTGGCTCTGAAGTGGAATTA |
|  |  | Reverse | GGCTATTACTGCATCCCATTG |
| *IFNG* | IFN-γ | Forward | GGCATTTTGAAGAATTGGAAAG |
|  |  | Reverse | TTTGGATGCTCTGGTCATCTT |
| *CSF2* | GM-CSF | Forward | TCTCAGAAATGTTTGACCTCCA |
|  |  | Reverse | GCCCTTGAGCTTGGTGAG |

**Supplementary table 1B:** Used primer sets for qPCR