**Supplementary Table S5. Antibodies used for flow cytometry analysis**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Antibodies** | **Clones** | **Fluorochrome/Label** | **Brand** |  |
| CCR2 | SA203G11 | FITC | Biolegend | (BioLegend Cat# 150607, RRID:AB\_2616979) |
| CD3 | 145-2C1117A2 | PE/Cy7PB | BiolegendBiolegend | (BioLegend Cat# 100320, RRID:AB\_312685)(BioLegend Cat# 100214, RRID:AB\_493645) |
| CD4 | GK1.5 | PB PE/Dazzle594APC/Cy7 | Biolegend | (BioLegend Cat# 100428, RRID:AB\_493647)(BioLegend Cat# 100456, RRID:AB\_2565845)(BioLegend Cat# 100414, RRID:AB\_312699) |
| CD8a | 53-6.7 | BV711 FITC PB | Biolegend | (BioLegend Cat# 100748, RRID:AB\_2562100)(BioLegend Cat# 100706, RRID:AB\_312745)(BioLegend Cat# 100725, RRID:AB\_493425) |
| CD11b | M1/70 | PE/Cy7 PB | Biolegend | (BioLegend Cat# 101216, RRID:AB\_312799)(BioLegend Cat# 101224, RRID:AB\_755986) |
| CD11c | N418 | FITC PE BV605  | Biolegend | (BioLegend Cat# 117306, RRID:AB\_313775)(BioLegend Cat# 117308, RRID:AB\_313777)(BioLegend Cat# 117334, RRID:AB\_2562415) |
| CD27 | LG.3A10 | PerCP/Cy5.5 | Biolegend | (BioLegend Cat# 124214, RRID:AB\_2275577) |
| CD28 | 37.51 | PerCP/Cy5.5 PE/Cy7 APC |  | (BioLegend Cat# 102114, RRID:AB\_2073850)(BioLegend Cat# 102126, RRID:AB\_2617011)(BioLegend Cat# 102110, RRID:AB\_312875) |
| CD40 | 3/23 | APC PB | Biolegend | (BioLegend Cat# 124612, RRID:AB\_1134072)(BioLegend Cat# 124626, RRID:AB\_2561476) |
| CD45 | 30-F11 | BV650 | Biolegend | (BioLegend Cat# 155865, RRID:AB\_2800695) |
| CD70 | FR70 | Biotin PEAPC | Biolegend | (BioLegend Cat# 104603, RRID:AB\_313116) (BioLegend Cat# 104606, RRID:AB\_2291343)(BioLegend Cat# 104609, RRID:AB\_2750464) |
| CD80 | 16-10A1 | PE/Dazzle594 | Biolegend | (BioLegend Cat# 104738, RRID:AB\_2564175) |
| CD86 | GL-1 | FITC APC PE/Cy7APC/Cy7 | Biolegend | (BioLegend Cat# 105006, RRID:AB\_313149)(BioLegend Cat# 105012, RRID:AB\_493342)(BioLegend Cat# 105014, RRID:AB\_439783)(BioLegend Cat# 105030, RRID:AB\_2244452) |
| CD152 (CTLA4) | UC10-4B9 | BV605 | Biolegend | (BioLegend Cat# 106323, RRID:AB\_2566467) |
| CD154 (CD40L) | MR1 | Biotin | Biolegend | (BioLegend Cat# 106503, RRID:AB\_313268) |
| CD161(Nk1.1) | PK136 | PE | Biolegend | (BioLegend Cat# 106503, RRID:AB\_313268) |
| CD206 (MMR) | C068C2 | PE/Dazzle594 | Biolegend | (BioLegend Cat# 141731, RRID:AB\_2565931) |
| CD223 (Lag-3) | C9B7W | PerCP/Cy5.5 APC | Biolegend | (BioLegend Cat# 125212, RRID:AB\_2561517)(BioLegend Cat# 125210, RRID:AB\_10639727) |
| CD244.2 (2B4) | 458.1 | PE/Cy7 | Biolegend | (BioLegend Cat# 133511, RRID:AB\_2564338) |
| CD274 (PD-L1) | 10F.9G2 | BV711 | Biolegend | (BioLegend Cat# 124319, RRID:AB\_2563619) |
| CD279 (PD1) | 29F.1A12RMP1-30 | APC-Cy7PerCP/Cy5.5 | BiolegendBiolegend | (BioLegend Cat# 135224, RRID:AB\_2563523)(BioLegend Cat# 109120, RRID:AB\_2566641) |
| CD366 (Tim-3) | RMT-3-23 | BV605, Pe | Biolegend | (BioLegend Cat# 109120, RRID:AB\_2566641) |
| F4/80 | BM8 | APC/Cy7 PB | Biolegend | (BioLegend Cat# 123118, RRID:AB\_893477)(BioLegend Cat# 123124, RRID:AB\_893475) |
| Ly-6C | HK1.4 | FITC BV711 | Biolegend | (BioLegend Cat# 128006, RRID:AB\_1186135) (BioLegend Cat# 128037, RRID:AB\_2562630) |
| Ly-6G | 1A8 | APC PB | Biolegend | (BioLegend Cat# 127614, RRID:AB\_2227348) (BioLegend Cat# 127612, RRID:AB\_2251161) |
| MHC II | M5/001.15.2 | PerCP/Cy5.5 | Biolegend | (BioLegend Cat# 107624, RRID:AB\_2191073) |
| NKG2D (CD314) | Cx5A10C7 | APCPerCP/Cy5.5PE-Dazzle594PerCP-efluor710BiotinFITCBiotin | BiolegendBiolegendBiolegendeBioscienceeBioscienceBiolegendBiolegend | (BioLegend Cat# 130212, RRID:AB\_1236372)(BioLegend Cat# 130208, RRID:AB\_1227712)(BioLegend Cat# 130214, RRID:AB\_2728148)(Thermo Fisher Scientific Cat# 46-5882-82, RRID:AB\_2573789)(Thermo Fisher Scientific Cat# 13-5872-82, RRID:AB\_1210602)(BioLegend Cat# 115711, RRID:AB\_2133291)(BioLegend Cat# 115703, RRID:AB\_313664) |
| Rae-1 (Pan-Rae) | 186107 | AlexaFluor 594AlexaFluor 647 | R&D systemsR&D systems | (R and D Systems, Cat# FAB17582T, RRID:AB\_2888679)(R and D Systems, Cat# FAB17582R, RRID:AB\_2888680) |
| XCR1 | ZET | Biotin | Biolegend | (BioLegend Cat# 148212, RRID:AB\_2564367) |
| **Intracellular** |  |  |  |  |
| Granzyme-B | GB11 | Alexa 647 | Biolegend | (BioLegend Cat# 515406, RRID:AB\_2566333) |
| IFNg | XMG1.2 | PerCP/Cy5.5 | Biolegend | (BioLegend Cat# 505822, RRID:AB\_961359) |
| IL-2 | JES6-5H4 | PE/Cy7 | Biolegend | (BioLegend Cat# 503832, RRID:AB\_2561750) |
| Ki67 | 16A8 | APCeFluor450 | BiolegendeBioscience | (BioLegend Cat# 652406, RRID:AB\_2561930)(Thermo Fisher Scientific Cat# 48-5698-82, RRID:AB\_11149124) |
| TCF-1 | C63D9 | UnlabeledPE | Bioconcept | (Cell Signaling Technology Cat# 2203, RRID:AB\_2199302)(Cell Signaling Technology Cat# 14456, RRID:AB\_2798483) |
| TNFa | MP6-XT22 | PB | Biolegend | (BioLegend Cat# 506318, RRID:AB\_893639) |
| **Tox** | REA 473 | PE | Miltenyi Biotec  | **Miltenyi Biotec Cat# 130-107-784, RRID:AB\_2654223** |
| **Second step** |  |  |  |  |
| Anti-rabbit-IgG |  | PE,AlexaFluor488AlexaFluor647 | Bioconcept | (Cell Signaling Technology Cat# 8885, RRID:AB\_2797677)(Cell Signaling Technology Cat# 4412, RRID:AB\_1904025)(Cell Signaling Technology Cat# 4414, RRID:AB\_10693544) |
| Streptavidin |  | PE PerCP/Cy5.5 BV421 BV605APC | Biolegend | (BioLegend Cat# 410503) (BioLegend Cat# 405214)(BioLegend Cat# 405225)(BioLegend Cat# 405229)(BioLegend Cat# 405207) |