## Table S1. Detailed information regarding the primary antibodies used for Western blot experiments.

|  |  |  |  |
| --- | --- | --- | --- |
| Antibody | Company | CatLog No. | Dilution |
| CD68 | Cell signaling (Danvers, MA) | 97778 | 1:1000 |
| pStat3 | Cell signaling | 9145 | 1:1000 |
| Actin | Cell signaling | 4970 | 1:5000 |
| pAkt(308) | Cell signaling | 13038 | 1:1000 |
| pAkt(473) | Cell signaling | 4060 | 1:1000 |
| Akt | Cell signaling | 9272 | 1:1000 |
| pFoxo1 | Cell signaling | 9461 | 1:1000 |
| pGsk3b | Cell signaling | 5558 | 1:1000 |
| pS6 | Cell signaling | 2211 | 1:1000 |
| Tubulin | Cell signaling | 2146 | 1:5000 |

## Table S2. Detailed information regarding the primer sequences of the genes for quantitative Reverse Transcription Polymerase Chain Reaction (qRT-PCR) experiments

|  |  |
| --- | --- |
| Genes | Primer sequences (5'to3') |
| Fcgr1 | F: AGGTGTCACGGATGGAAGAAT |
| R: GTGCCTGAGCAGTGGTAGATG |
| CCL2 | F: GCTGACCCCAAGAAGGAATG |
| R: TGAGGTGGTTGTGGAAAAGG |
| CD206 | F: ATGGATGTTGATGGCTACTGG |
| R: TTCTGACTCTGGACACTTGC |
| TNF alpha | F: CTCTGTGAAGGGAATGGGTG |
| R: GGGCTCTGAGGAGTAGACGATAAAG |
| GAPDH | F: AAATTCAACGGCACAGTCAA |
| R: TAGACTCCACGACATACTCAGCA |
| CD68 | F: TGTCTGATCTTGCTAGGACCG  GAGAGTAACGGCCTTTTTGTGA |
| CD86 | F: TGTTTCCGTGGAGACGCAAG  R: TTGAGCCTTTGTAAATGGGCA |
| Cxcr4 | F: GACTGGCATAGTCGGCAATG  R: AGAAGGGGAGTGTGATGACAAA |
| Il10rb | F: ACCTGCTTTCCCCAAAACGAA  R: TGAGAGAAGTCGCACTGAGTC |
| Ifngr1 | F: CTGGCAGGATGATTCTGCTGG  R: GCATACGACAGGGTTCAAGTTAT |
| Ccl22 | F: AGGTCCCTATGGTGCCAATGT  R: CGGCAGGATTTTGAGGTCCA |
| Tnfsf8 | F: GCACAAGTCGCAGCTACTTCT  R: GGAGTGGAGTCCTTTTTCTGG |
| Itga1 | F: CCTTCCCTCGGATGTGAGTCA  R: AAGTTCTCCCCGTATGGTAAGA |
| Itga3 | F: CCTCTTCGGCTACTCGGTC  R: CCGGTTGGTATAGTCATCACCC |
| Itgb1 | F: ATGCCAAATCTTGCGGAGAAT  R: TTTGCTGCGATTGGTGACATT |
| Itgb5 | F: GAAGTGCCACCTCGTGTGAA  R: GGACCGTGGATTGCCAAAGT |
| Il6ra | F: CCTGAGACTCAAGCAGAAATGG  R: AGAAGGAAGGTCGGCTTCAGT |
| Igf1 | F: GTGAGCCAAAGACACACCCA  R: ACCTCTGATTTTCCGAGTTGC |
| Pdgfra | F: TCCATGCTAGACTCAGAAGTCA  R: TCCCGGTGGACACAATTTTTC |
| Csf1r | F: TGTCATCGAGCCTAGTGGC  R: CGGGAGATTCAGGGTCCAAG |
| Kdr | F: TTTGGCAAATACAACCCTTCAGA  R: GCAGAAGATACTGTCACCACC |
| Tek | F: GAGTCAGCTTGCTCCTTTATGG  R: AGACACAAGAGGTAGGGAATTGA |
| Flt4 | F: CTGGCAAATGGTTACTCCATGA  R: ACAACCCGTGTGTCTTCACTG |
| Bcl2l11 | F: GACAGAACCGCAAGGTAATCC  R: ACTTGTCACAACTCATGGGTG |
| Spp1 | F: AGCAAGAAACTCTTCCAAGCAA  R: GTGAGATTCGTCAGATTCATCCG |

## Table S3. Detailed information regarding the antibodies for Immunocytochemistry and Immunohistochemistry experiments

|  |  |  |  |
| --- | --- | --- | --- |
| **Antibodies** | **Compony** | **CatLog No.** | **Dilution** |
| CD45 | Cell signaling | 70257 | 1:400 |
| IBA1 | Cell signaling | 17198 | 1:200 |
| CD68 | Cell signaling | 97778 | 1:400 |
| CD86 | Cell signaling | 19589 | 1:400 |
| pAkt(473) | Cell signaling | 4060 | 1:200 |
| pGsk3b | Cell signaling | 9323 | 1:100 |
| pS6 | Cell signaling | 2211 | 1:1000 |