

Table S5 Material information used in the experiments

| Antibody | Supplier | Cat. no. |
|--------------------------------|----------------|------------|
| CD11b-PE(clone D12) | BD Biosciences | 333142 |
| CD45-BB515(clone HI30) | BD Biosciences | 564585 |
| CD45-APC (clone 2D1) | eBioscience | 17-9459-42 |
| CD43-BV421 (clone 1G1D) | BD Biosciences | 562916 |
| CD14-BV421 (clone M ϕ P9) | BD Biosciences | 563743 |
| CD34-BV605(clone 581) | BioLegend | 343529 |
| CD86-BV650 (clone IT2.2) | BioLegend | 305428 |
| HLA-DR-BV711 (clone G46-6) | BD Biosciences | 563696 |
| CD16-PE (clone 3GB) | BD Biosciences | 555407 |

| Cytokine | Final Conc. | Supplier | Cat. no. |
|----------|-----------------|------------|----------|
| BMP-4 | 20 or 100 ng/ml | R&D System | 314-BP |
| VEGF | 40 ng/ml | R&D System | 293-VE |
| SCF | 50 ng/ml | R&D System | 255-SC |
| TPO | 10 ng/ml | R&D System | 288-TPN |
| IL-3 | 50 ng/ml | Peprotech | 200-03 |
| IL-6 | 50 ng/ml | Peprotech | 200-06 |
| Flt-3L | 50 ng/ml | R&D System | 308-FK |
| M-CSF | 100 ng/ml | Peprotech | 300-25 |