

**Materials List for:**

# Isolation and Characterization of Dendritic Cells and Macrophages from the Mouse Intestine

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## Materials

| Name                                                             | Company                        | Catalog Number | Comments                 |
|------------------------------------------------------------------|--------------------------------|----------------|--------------------------|
| 1X PBS, Ca <sup>2+</sup> - and Mg <sup>2+</sup> -free            |                                |                |                          |
| Hank's balanced salt solution (HBSS) with phenol red             | Fisher Scientific              | SH3001603      |                          |
| Sodium bicarbonate                                               | Sigma-Aldrich                  | S6014          |                          |
| 1M HEPES in 0.85% NaCl                                           | Lonza Inc.                     | 17-737E        |                          |
| Fetal bovine serum (FBS)                                         | Atlanta Biologicals            | S11150H        | Heat-inactivated         |
| 0.5M EDTA (pH 8.0)                                               | Cellgro                        | 46-034-CI      |                          |
| Collagenase type VIII                                            | Sigma-Aldrich                  | C2139          |                          |
| DNase I                                                          | Roche Group                    | 14785000       | Stock solution: 100mg/ml |
| LIVE/DEAD Fixable Aqua Dead Cell Stain Kit for 405 nm excitation | Invitrogen                     | L34957         | Use at 1:1000            |
| CD45-PerCP mAb (30F11)                                           | BD Biosciences                 | 557235         | Use at 1:100             |
| CD103-PE mAb (M290)                                              | BD Biosciences                 | 557495         | Use at 1:100             |
| FcγRIII/II mAb (2.4G2)                                           | BD Biosciences                 | 553141         | Use at 1:200             |
| CD11c-APC mAb (N418)                                             | eBioscience                    | 17-0114-82     | Use at 1:100             |
| MHC-II (I-Ab)-Alexa Fluor 700 mAb                                | eBioscience                    | 56-5321-82     | Use at 1:100             |
| CD11b-eFluor 450 mAb (M1/70)                                     | eBioscience                    | 48-0112-82     | Use at 1:200             |
| F4/80-PE-Cy7 mAb (BM8)                                           | eBioscience                    | 25-4801-82     |                          |
| CD11b microbeads                                                 | Miltenyi Biotec                | 130-049-601    |                          |
| CD11c microbeads                                                 | Miltenyi Biotec                | 130-052-001    |                          |
| 50 mL conical tubes                                              | BD Biosciences                 | 352098         |                          |
| Single mesh wire strainer                                        | Chefmate                       |                |                          |
| Small weigh boat                                                 | Fisher Scientific              | 08-732-116     |                          |
| 100 μm cell strainer                                             | BD Biosciences                 | 352360         |                          |
| 40 μm cell strainer                                              | BD Biosciences                 | 352340         |                          |
| 5 mL polystyrene round-bottom tubes                              | BD Biosciences                 | 352235         | Use at 1:100             |
| MaxQ 4450 benchtop orbital shaker                                | Thermo Fisher Scientific, Inc. |                |                          |
| LS MACS column                                                   | Miltenyi Biotec                | 130-042-401    |                          |
| LSR II                                                           | BD Biosciences                 |                |                          |
| FACSAria II                                                      | BD Biosciences                 |                |                          |