Product quick guide

All you need for myeloid cell research

- Tissue dissociation & cell separation
- Cell culture & stimulation
- Flow cytometry
Mouse myeloid cells from lung and liver

Lung

- mPDCA-1 MicroBeads
- CD11c MicroBeads
- UltraPure Anti-Siglec-F MicroBeads
- Anti-Ly-6G MicroBeads

pDCs
- CD45+
- MHC class II+
- CD11b+Ly-6C++
- CD11clow

Monocytes
- CD45+
- CD11c+
- CD11b+ CD11c+
- CD103+
- CD64+

Neutrophils
- CD45+
- CD11b+
- Ly-6G+
- CD11b++

Eosinophils
- CD45+
- Siglec-F+
- CD193 (CCR3)+

Liver

- Lung Dissociation Kit

Anti-Siglec-F MicroBeads
- Anti-Ly-6G MicroBeads
- Anti-Siglec-F MicroBeads

CD11b MicroBeads
- Anti-F4/80 MicroBeads
- UltraPure Anti-Siglec-F MicroBeads

Neutrophils
- CD45+
- CD11b+
- Ly-6G+

Kupffer cells
- CD45+
- CD11b++
- CD172 (SIRPα)+
- F4/80++

Legend
- DC: dendritic cell
- cDC: conventional or myeloid DC
- pDC: plasmacytoid DC
- mDC: monocyte-derived DC
- no expression
- low expression
- intermediate expression
- expression
- high expression
- expression dependent on subset
- MACS® Sample Preparation products (RUO)
- MACS Cell Separation products (RUO)
- MACS Cell Culture and Stimulation products (RUO)
- MACS Flow Cytometry products (RUO)
Mouse myeloid cells from lamina propria and peritoneum

**Legend**
- Separation:  
  - Dissociation
  - MACS® Sample Preparation products (RUO)
  - MACS Cell Separation products (RUO)
  - MACS Cell Culture and Stimulation products (RUO)
  - MACS Flow Cytometry products (RUO)

- **DC:** dendritic cell
- **cDC:** conventional or myeloid DC
- **pDC:** plasmacytoid DC
- **Mo-DC:** monocyte-derived DC

- **+** high expression
- **++** intermediate expression
- **+++** low expression
- **+/-** expression dependent on subset
- **-** no expression

**Lamina Propria**
- **CD45**
- **CD11c**
- **MHC class II**
- **Ly-6C**
- **CD370 (CLEC9A)**
- **CD11b**
- **CD64**
- **CD192 (CCR2)**
- **Ly-6C**
- **CD91 (BERK)**
- **CD11b**
- **CD172a (SIRPα)**
- **XCR1**
- **CD370 (CLEC9A)**
- **CD64**

**Peritoneum**
- **CD11b**
- **F4/80**
- **Ly-6G**
- **Gr-1**
- **CD115**

**Large peritoneal macrophages**
- **CD11b**
- **F4/80**
- **Ly-6G**

**Small peritoneal macrophages**
- **CD11b**
- **F4/80**
- **Ly-6G**

**Eosinophils**
- **CD11b**
- **Siglec-F**
- **CD193 (CCR3)**
Mouse myeloid cells from skin and brain

- **CD45**
- **CD11b**
- **Ly-6G**
- **CD11c**
- **Ly-6C**
- **CD64**
- **Gr-1**
- **F4/80**
- **CD103**
- **XCR1**
- **CD370 (CLEC9A)**
- **CD11b**
- **CD8a**
- **CD64**
- **CD24**
- **CD45**
- **CD11b**
- **CD64**
- **CX3CR1**
- **CD45**
- **CD11b**
- **CD64**
- **CX3CR1**
- **CD45**
- **CD11b**
- **CD64**

**Legend**
- separation
- dissociation
- MACS® Sample Preparation products (RUO)
- MACS Cell Separation products (RUO)
- MACS Cell Culture and Stimulation products (RUO)
- MACS Flow Cytometry products (RUO)
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