

Human PBMC Phenotyping Panel for Mass Cytometry Analysis

| No. | Target | Clone | Metal | Surface or Intracellular | Cell Specificity |
|-----|--------------|----------|-------|--------------------------|---------------------------------------|
| 1 | CD16 | 3G8 | 148Nd | Surface | NK Cells |
| 2 | CD8a | SK1 | 168Er | Surface | CD8 T-cells |
| 3 | CD20 | 2H7 | 171Yb | Surface | B-cells |
| 4 | CD4 | SK3 | 174Yb | Surface | CD4 T-cells/Monocytes |
| 5 | CD45 | HI30 | 089Y | Surface | Lymphocytes |
| 6 | CD19 | HIB19 | 142Nd | Surface | B-cells |
| 7 | IgD | IA6-2 | 146Nd | Surface | Naïve B-cells |
| 8 | CD11c | Bu15 | 147Sm | Surface | monocytic DC |
| 9 | TCRgd | 11F2 | 152Sm | Surface | Gamma/Delta T-cells |
| 10 | CD3 | UCHT1 | 154Sm | Surface | T-cells |
| 11 | CD45RA | HI100 | 155Gd | Surface | Naïve T and Memory B cells |
| 12 | CD27 | L128 | 158Gd | Surface | Memory B-cells |
| 13 | HLA-DR | L243 | 173Yb | Surface | monocytic DC |
| 14 | CD196/CCR6 | G034E3 | 141Pr | Surface | Effector memory T-cells |
| 15 | CD127/IL-7Ra | A019D5 | 143Nd | Surface | Effector memory T-cells |
| 16 | CD38 | HIT2 | 144Nd | Surface | Basophils |
| 17 | CD194/CCR4 | L291h4 | 149Sm | Surface | T-regulatory cells/Th2 cells |
| 18 | CD123/IL-3R | 6H6 | 151Eu | Surface | Plasmacytoid DC/Basophils |
| 19 | CD185/CXCR5 | RF8B2 | 153Eu | Surface | Central Memory/Effector Memory |
| 20 | CD28 | CD28.2 | 160Gd | Surface | Naïve CD8 T cells |
| 21 | CD183/CXCR3 | G025H7 | 163Dy | Surface | Th1 cells |
| 22 | CD45RO | UCHL1 | 165Ho | Surface | Activated/Memory T-cells |
| 23 | CD24 | ML5 | 166Er | Surface | Memory B-cells |
| 24 | CD197/CCR7 | G043H7 | 167Er | Surface | Naïve/central memory CD8 T cells |
| 25 | CD25/IL-2R | 2A3 | 169Tm | Surface | Activated T-cells; T-regulatory cells |
| 26 | CD14 | M5E2 | 175Lu | Surface | Monocytes |
| 27 | CD56/NCAM | NCAM16.2 | 176Yb | Surface | NK Cells |
| 28 | CD66b | 80H3 | 162Dy | Surface | Neutrophils |
| 29 | CD161 | HP-3G10 | 164Dy | Surface | MAIT and NKT cells |