

Title: Silver nanoparticles for the detection of cell surface antigens in mass cytometry  
 Authors: Schulz et al  
 Publication: Cytometry Part A, June 2016  
 Data Source: Supplementary Table S1

| Antibody    | Clone      | Label  | Supplier    | Conjugation | Concentration [mg/mL] | Working dilution |
|-------------|------------|--------|-------------|-------------|-----------------------|------------------|
| CD45        | HI30       | 104Pd  | Biologend   | in-house    | 0.17                  | 5.2%             |
| CD45        | HI30       | 110Pd  | Biologend   | in-house    | 0.26                  | 7.6%             |
| CD45        | 5B1        | 113In  | Miltenyi    | in-house    | 0.5                   | 18.1%            |
| CD45        | 5B1        | 115In  | Miltenyi    | in-house    | 0.5                   | 18.1%            |
| CD19        | Bu-12      | 142Nd  | DRFZ        | in-house    | 0.5                   | 18.1%            |
| CD4         | TT1        | 144Nd  | DRFZ        | in-house    | 0.5                   | 31.9%            |
| CD4         | RPA-T4     | 144Nd  | Biologend   | in-house    | 0.5                   | 31.9%            |
| CD20        | 2H7        | 147Sm  | Fluidigm    | Fluidigm    | n.a.                  | 11.1%            |
| CD14        | RMO52      | 148Nd  | Fluidigm    | Fluidigm    | n.a.                  | 18.1%            |
| CD66ace     | ASL-32     | 149Sm  | Fluidigm    | Fluidigm    | n.a.                  | 11.1%            |
| CD25        | 2A4        | 149Sm  | Fluidigm    | Fluidigm    | n.a.                  | 11.1%            |
| CD123       | 6H6        | 151Eu  | Fluidigm    | Fluidigm    | n.a.                  | 11.1%            |
| CD45RA      | 4G11       | 152Sm  | DRFZ        | in-house    | 0.5                   | 18.1%            |
| CD45        | HI30       | 154Sm  | Fluidigm    | Fluidigm    | n.a.                  | 18.1%            |
| CCR7        | G04307     | 159Tb  | Fluidigm    | Fluidigm    | n.a.                  | 7.6%             |
| FoxP3       | PCH101     | 162Dy  | Fluidigm    | Fluidigm    | n.a.                  | 5.9%             |
| CD56        | NCAM16.2   | 163Dy  | Fluidigm    | Fluidigm    | n.a.                  | 18.1%            |
| CD127       | A019D5     | 165Ho  | Fluidigm    | Fluidigm    | n.a.                  | 7.6%             |
| Anti-Biotin | 1D4-C5     | 165Ho  | Fluidigm    | Fluidigm    | n.a.                  | 11.1%            |
| CD36        | AC106      | 166Er  | Miltenyi    | in-house    | 0.38                  | 31.9%            |
| CD8         | SK1        | 168Er  | Fluidigm    | Fluidigm    | n.a.                  | 11.1%            |
| CD16        | 3G8        | 169Tm  | Biologend   | in-house    | 0.5                   | 18.1%            |
| CD3         | UCHT1      | 170Er  | DRFZ        | in-house    | 0.37                  | 18.1%            |
| CD38        | HIT2       | 172Yb  | Fluidigm    | Fluidigm    | n.a.                  | 7.6%             |
| HLA-DR      | L243       | 174Yb  | Fluidigm    | Fluidigm    | n.a.                  | 11.1%            |
| CD66b       | REA306     | 175Lu  | Miltenyi    | in-house    | 0.38                  | 31.9%            |
| CD15        | W6D3       | 175Lu  | Biologend   | in-house    | 0.5                   | 7.6%             |
| CD45        | 5B1        | 176Yb  | Miltenyi    | in-house    | 0.5                   | 59.7%            |
| CD56        | NCAM16.2   | 176Yb  | Fluidigm    | Fluidigm    | n.a.                  | 7.6%             |
| CD45        | HI30       | 195Pt  | Biologend   | in-house    | 0.26                  | 11.1%            |
| CD45        | HI30       | 198Pt  | Biologend   | in-house    | n.a.                  | 7.6%             |
| CD4         | TT1        | Biotin | DRFZ        | in-house    | 0.71                  | 31.9%            |
| CD8         | GN11/134D7 | Biotin | DRFZ        | in-house    | 0.54                  | 11.1%            |
| CD11b       | OKM-1      | Biotin | DRFZ        | in-house    | 0.43                  | 31.9%            |
| CD45RO      | UCHL-1     | Biotin | DRFZ        | in-house    | n.a.                  | 5.6%             |
| CD244       | ebioC1.7   | Biotin | eBioscience | eBioscience | 0.5                   | 18.1%            |
| CD294       | BM16       | Biotin | Miltenyi    | Miltenyi    | n.a.                  | 4.9%             |
| CD294       | BM16       | 163Dy  | Fluidigm    | Fluidigm    | n.a.                  | 7.6%             |
| CD25        | BC96       | Biotin | Biologend   | Biologend   | 0.5                   | 11.1%            |
| CD16        | 3G8        | Biotin | Biologend   | Biologend   | 0.5                   | 11.1%            |
| CD57        | TB03       | Biotin | Miltenyi    | Miltenyi    | n.a.                  | 4.9%             |
| Beriglobin  | -          | -      | CSL Behring | -           | 160                   | 59.7%            |