**Supplemental Table 1**: Composition of the EuroFlow B-cell panel and technical information on the reagents for the IMI2 PERISCOPE BERT study.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Marker** | CD27 | IgM | CD62L | CD24 | CD21 | CD19 | IgD | IgH- isotype panel – Subclasses (CYT-IGS-1) | CD20 | CD5 | CD138 | IgD | CD45 | CD38 |
| **Fluorochrome** | BV421 | BV510 | BV605 | BV650 | BV711 | BV786 | FITC | - | PE CF594 | PE Cy7 | PE Cy7 | APC | Alexa Fluor 700 | APC H7 |
| **Manufacturer** | BD | Biolegend | Biolegend | BD | BD | BD | Biolegend | Cytognos | BD | BD | Biolegend | BD | BD | BD |
| **Clone** | M-T271 | MHM-88 | DREG-56 | ML5 | B-Ly4 | SJ25C1 | IA6-2 | n/a | 2H7 | L17F12 | MI15 | IA6-2 | HI30 | HB7 |
| **Volume (μl)** | 2 | 2 | 5 | 5 | 5 | 4 | 1.25 | 25 | 0.25 | 6 | 5 | 4 | 10 | 3 |
| **Membrane stain** | All markers are used for membrane stain. | | | | | | | | | | | | | | | |
| **Intracellular stain** | IgM BV510, IgD FITC, IgH-isotype panel- subclasses (CYT-IGS-1), IgD APC are used for additional intracellular stain. | | | | | | | | | | | | | | |