

Supplementary table 1: List of flow cytometry and confocal microscopy antibodies

| Antibody | Reactivity | Clone | Dilution | Company | Catalogue Number |
|--------------------------------|------------------------------|--------------|-----------------|--|-------------------------|
| Flow cytometry | | | | | |
| CD138 PE-Cyanine7 | mouse | 281-2 | 1:400 | Biolegend | 142513 |
| CD185 (CXCR5) FITC | mouse | L138D7 | 1:400 | Biolegend | 145520 |
| CD21/CD35 APC/CY7 | mouse | 7E9 | 1:200 | Biolegend | 123417 |
| CD21/CD35 Brilliant Violet 421 | mouse | 7E9 | 1:400 | Biolegend | 123421 |
| CD23 PE | mouse | B3B4 | 1:400 | Thermo Fisher Scientific (eBioscience) | 12-0232-82 |
| CD3 PerCP-eFluor 710 | mouse | Ebio500a2 | 1:400 | Thermo Fisher Scientific (eBioscience) | 46-0033-82 |
| CD38 APC/CY7 | mouse | 90 | 1:400 | Biolegend | 102727 |
| CD4 Brilliant Violet 421 | mouse | GK1.5 | 1:400 | Biolegend | 100437 |
| CD45R (B220) Alexa Fluor 700 | mouse/human | RA3-6B2 | 1:200 | Thermo Fisher Scientific (eBioscience) | 56-0452-82 |
| CD73 APC | mouse | TY/11.8 | 1:200 | Biolegend | 127213 |
| CD73 Brilliant Violet 605 | mouse | TY/11.8 | 1:100 | Biolegend | 127215 |
| CD93 PE-Cyanine7 | mouse | AA4.1 | 1:400 | Thermo Fisher Scientific (eBioscience) | 25-5892-82 |
| CD95 Brilliant Violet 421 | mouse | Jo2 | 1:200 | BD Biosciences | 562633 |
| FoxP3 Alexa Fluor 700 | Mouse/bovine/dog/cat/pig/rat | FJK-16s | 1:200 | Thermo Fisher Scientific (eBioscience) | 56-5773-80 |
| GL7 | Mouse/human | GL-7 | 1:100 | Thermo Fisher Scientific (eBioscience) | 53-5902-82 |
| IgD APC | mouse | 11-26c | 1:400 | Thermo Fisher Scientific (eBioscience) | 17-5993-82 |
| IgD APC-eFluor 780 | mouse | 11-26c | 1:400 | Thermo Fisher Scientific (eBioscience) | 47-5993-82 |
| IgD PerCP-eFluor 710 | mouse | 11-26c | 1:400 | Thermo Fisher Scientific (eBioscience) | 46-5993-80 |
| IgM APC | mouse | II/41 | 1:400 | Thermo Fisher Scientific (eBioscience) | 17-5790-82 |
| IgM Brilliant Violet 605 | mouse | RMM-1 | 1:100 | Biolegend | 406523 |
| IgM FITC | mouse | eB121-15F9 | 1:400 | Thermo Fisher Scientific (eBioscience) | 11-5890-85 |
| NP(14) PE (1 mg/ml) | - | - | 1:50 | ChemCruz | sc-396483 |
| Confocal microscopy | | | | | |
| B220-eF450 | Mouse/human | RA3-6B2 | 1:100 | Thermo Fisher | 48-0452-82 |
| CD23-PE | Mouse | B3B4 | 1:50 | Thermo Fisher | 12-0232-82 |
| CD169 (Siglec-1)-AF647 | Mouse | 3D6.112 | 1:100 | BioLegend | 142408 |