**Supplemental Table 3**. Flow cytometry and immunohistochemistry antibodies used for MCH typing, TPO antibody measurement, lymphoid subset characterization, and staining for macrophages, thyroid specific-genes, cell proliferation and cell apoptosis markers.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Target | Fluorochrome | Clone | Isotype | Company | Catalog number |
| CD45 | PerCP | 30-F11 | Rat IgG2b, kappa | Biolegend | 103130 |
| H2-Kb | AF488/FITC | AF6-88.5.5.3 | Mouse IgG2a, kappa | eBioscience | 11-5958-82 |
| H2-Ak | PE | 11-5.2 | Mouse IgG2b, kappa | BD Pharmingen | 553537 |
| mouse IgG | AF488/FITC | polyclonal | Goat IgG | Invitrogen | A16073 |
| CD45 | PerCP/Cy 5.5 | 30-F11 | Rat IgG2b, kappa | Biolegend | 103132 |
| CD3 | APC | 17A2 | Rat IgG2a, kappa | Biolegend | 100236 |
| CD4 | PE/Cy7 | RM4-4 | Rat IgG2a, kappa | Biolegend | 106016 |
| CD8 | AF488/FITC | 53-6.7 | Rat IgG2a, kappa | Biolegend | 100723 |
| CD44 | BV605 | IM7 | Rat IgG2b, kappa | Biolegend | 103447 |
| CD62L | PE | MEL-14 | Rat IgG2a, kappa | Biolegend | 104407 |
| CD19 | APC/Cy7 | 6D5 | Rat IgG2a, kappa | Biolegend | 115529 |
| IgD | AF700 | 11-26c.2a | Rat IgG2a, kappa | Biolegend | 405729 |
| IgM | BV421 | RMM-1 | Rat IgG2a, kappa | Biolegend | 406517 |
|  |  |  |  |  |  |
| F4/80 | none | SP115 | Rabbit IgG | Abcam | ab111101 |
| PAX-8 | none | AG0306 | Rabbit IgG | Proteintech | 10336-1-AP |
| TTF-1 | none | EP1584Y | Rabbit IgG | Abcam | ab76013 |
| Ki67 | none | SP6 | Rabbit IgG | Abcam | ab16667 |
| Cleaved Caspase 3 | none | polyclonal | Rabbit IgG | Cell Signaling | 9661 |