**UK NEQAS ICC & ISH Ki-67 data reveals differences in performance of primary antibody clones.**

**SUPPLEMENTARY DATA TABLE**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Primary antibody (method)** | **Count (n)** | **Med.** | **95% CI med.** | | **Mean** | **Std. Dev.** | **SEM** | **95% CI mean** | |
| **Low.** | **Up.** | **Low.** | **Up.** |
| 30-9 (All) | 415 | 17 | 17 | 17 | 17.0 | 1.87 | 0.09 | 16.8 | 17.2 |
| K2 (All) | 142 | 16 | 16 | 17 | 16.3 | 2.13 | 0.18 | 15.9 | 16.6 |
| MIB-1 (PT Link) | 341 | 16 | 16 | 17 | 16.0 | 2.43 | 0.13 | 15.7 | 16.3 |
| MIB-1 (Autostainer) | 376 | 16 | 16 | 16 | 16.0 | 2.47 | 0.13 | 15.7 | 16.2 |
| MIB-1 (OptiView) | 117 | 16 | 16 | 17 | 15.9 | 2.86 | 0.26 | 15.4 | 16.4 |
| MIB-1 (FLEX) | 397 | 16 | 16 | 16 | 15.8 | 2.56 | 0.13 | 15.5 | 16.0 |
| MIB-1 (BenchMark XT) | 291 | 16 | 16 | 16 | 15.6 | 2.56 | 0.15 | 15.3 | 15.9 |
| MIB-1 (CC1) | 539 | 16 | 16 | 16 | 15.6 | 2.70 | 0.12 | 15.4 | 15.8 |
| MIB-1 (ultraView) | 441 | 16 | 16 | 16 | 15.4 | 2.69 | 0.13 | 15.2 | 15.7 |
| SP6 (All) | 115 | 16 | 15 | 16 | 15.1 | 2.19 | 0.20 | 14.7 | 15.5 |
| MM1 (Bond III) | 81 | 16 | 16 | 16 | 15.0 | 2.53 | 0.28 | 14.5 | 15.6 |
| MM1 (ER2 Buffer) | 148 | 16 | 15 | 16 | 14.7 | 2.74 | 0.23 | 14.2 | 15.1 |
| MM1 (Bond MAX Refine) | 188 | 16 | 15 | 16 | 14.5 | 2.87 | 0.21 | 14.0 | 14.9 |
| MIB-1 (ER2) | 336 | 14 | 14 | 15 | 13.4 | 2.90 | 0.16 | 13.1 | 13.8 |
| MIB-1 (BOND MAX) | 184 | 14 | 13 | 14 | 13.4 | 2.78 | 0.21 | 12.9 | 13.8 |
| MIB-1 (Bond MAX Refine) | 395 | 14 | 13 | 14 | 13.3 | 2.94 | 0.15 | 13.0 | 13.6 |
| MIB-1 (Bond III) | 223 | 14 | 13 | 15 | 13.2 | 3.05 | 0.20 | 12.8 | 13.6 |
| MIB-1 (ER1) | 67 | 12 | 12 | 13 | 12.4 | 3.08 | 0.38 | 11.6 | 13.1 |
| MM1 (ultraView) | 9 | 12 | 10 | 15 | 12.3 | 2.78 | 0.93 | 10.2 | 14.5 |

**Supplementary Table 1. Sub-group analyses for primary antibodies according to statistically significant methodological parameters.**

Ordered by mean assessment score. No methodology sub-groups were identified for the 30-9, K2 or SP6 clones. Med = median, CI = confidence interval, Low = lower, Up = upper, Std. Dev. = standard deviation, SEM = standard error of the mean. **These data are shown in the main paper as Figure 4.**