**Table S2.** The information of primary antibodies used for immunostaining

|  |  |  |  |
| --- | --- | --- | --- |
| **Antibody** | **Host** | **Dilution factor** | **Industry** |
| T | Goat | 1:200 | R&D Systems |
| TRA1-81 | Mouse | 1:100 | Millipore |
| OSR1 | Rabbit | 1:40 | Sigma-Aldrich |
| PAX2 | Rabbit | 1:200 | Abcam |
| SALL1 | Rabbit | 1:400 | Abcam |
| WT1 | Rabbit | 1:200 | Abcam |
| SIX2 | Mouse | 1:200 | Abnova |
| E-CADHERIN | Mouse | 1:50 | BD Pharmingen |
| ZO1 | Rabbit | 1:400 | Millipore |
| KRT18 | Mouse | 1:200 | Abcam |
| CD13 | Rabbit | 1:200 | Abcam |
| AQP1 | Rabbit | 1:300 | Abcam |
| MUC1 | Mouse | 1:200 | Abcam |
| SYNAPTOPODIN | Mouse | 1:200 | PROGEN Biotechnik |
| PODOCALYXIN (TRA1-60) | Mouse | 1:100 | Millipore |