**Table S2. List of antibodies used in this study.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Antibody** | **Species** | **Dilution\*** | **Source** |
| anti-alpha-tubulin B-5-1-2, monoclonal (T5168) | mouse | 1:500 | Sigma |
| anti-alpha-tubulin TAT-1, monoclonal (00020911)\*\* | mouse | 1:250 | Sigma |
| anti-beta-tubulin KMX-1, monoclonal (MAB3408)\*\* | mouse | 1:250 | Sigma |
| anti-TgCentrin1, polyclonal | rabbit | 1:2000 | Marc-Jan Gubbels |
| anti-PfCentrin3, polyclonal | rabbit | 1:500 | This study |
| anti-CenH3, polyclonal | rabbit | 1:200 | Alan Cowman, (Volz et al., 2010) |
| anti-HA 3F10, monoclonal (12158167001) | rat | 1:500 | Sigma |
| anti-γ-Tubulin, polyclonal (T5192) | rabbit | 1:500 | Sigma |
| anti-mouse Alexa Fluor Plus 488\*\* | goat | 1:100 | Thermo |
| anti-mouse-STAR580 | goat | 1:200 | Abberior |
| anti-mouse-Atto647 | goat | 1:200 | Sigma |
| anti-rabbit Alexa488 | goat | 1:1000 | Thermo |
| anti-rabbit Alexa Fluor Plus 488 | goat | 1:1000 | Thermo |
| anti-rabbit-Atto594 | goat | 1:200 | Sigma |
| anti-rabbit-Atto647 | goat | 1:200 | Sigma |
| anti-rat Alexa488 | goat | 1:500 | Thermo |
| anti-rat-Atto594 | goat | 1:200 | Biomol |
| RFP booster\_Atto 594 | - | 1:200 | Chromotek |

 \* dilutions for regular IFAs; for U-ExM, antibodies were usually used two times more concentrated

\*\* exclusively used for U-ExM; respective dilution/concentration corresponds to dilution for U-ExM