

Antibody	Species	Dilution	Source
Anti-alpha-tubulin B-5-1-2, monoclonal	mouse	1:500	Sigma-Aldrich (T5168)
Anti-PfCentrin3, polyclonal	rabbit	1:500	Simon et al. 2021
Anti-PfCentrin1, polyclonal	rat	1:500 WB 1:1000	This study
Anti-PfAldolase	Rabbit	WB 1:1000	Abcam (ab207494)
Anti-GFP, ABfinity Monoclonal	rabbit	1:50	Thermo Fisher (G10362)
Anti-GFP	mouse	WB 1:1000	Roche (11814460001)
Anti-mouse-Atto 594	goat	1:1000	Sigma-Aldrich (76085-1ML-F)
Anti-mouse-Atto 647	goat	1:1000*	Sigma-Aldrich (50185-1ML-F)
Anti-rabbit-Atto 594	goat	1:1000*	Sigma-Aldrich (77671-1ML-F)
Anti-rat-Atto 594	goat	1:1000*	Rockland (ROCK612-155-120S)
GFP-Booster_Atto 488	-	1:200	Chromotek (gba488-100)
Anti-mouse-800	donkey	WB 1:10000	Rockland (610-745-002)
Anti-rabbit-680	donkey	WB 1:10000	Rockland (610-744-002)
Anti-rat-800	donkey	WB 1:10000	Rockland (612-145-002)

**S3 Table. Antibodies used in this study.** List of antibodies with information of species, final dilution and source with order number. Starred (\*) are dilutions for confocal IFAs. For STED microscopy concentration was increased to 1:200.