DAPI Staining of live yeast cells

1. Grow the cells to mid log phase (OD_{600} – 0.5)
2. Add DAPI (1mg/ml stock) to the final concentration of 2.5 μg/ml
3. Grow the cells for 30 more min. before harvesting and observing under the microscope.
4. Harvest and wash with 1X PBS before observing. Finally resuspend the cells in 1XPBS before subjecting to microscopy.
5. Avoid growing in YPD, since it gives lot of background. If it is unavoidable, use YPD.