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Product Datasheet

Autophagy Assay - Red Fluorescent BYT-ORB1409895

Artikelname	Autophagy Assay - Red Fluorescent
Artikelnummer	BYT-ORB1409895
Hersteller Artikelnummer	orb1409895
Alternativnummer	BYT-ORB1409895-200
Hersteller	Biorbyt
Kategorie	Sonstiges
Produktbeschreibung	For the detection and monitoring the in vitro development of autophagy in living cells. The autophagy probe fluoresces red when inserted in the lipid membranes of autophagosomes and autolysosomes. Results can be read using a flow cytometer....
Proben	Cell culture
Anwendungsbeschreibung	Application Notes: 1. Prepare samples and controls., 2. Dilute 10X Cellular Assay Buffer 1:10 with diH2O., 3. Reconstitute FLICA with 50 µL DMSO., 4. Dilute FLICA 1:5 by adding 200 µL PBS., 5. Add diluted FLICA to each sample at 1:30-1:60 (e.g., spike at 1:30 by adding 10 µL to 290 µL sample)., 6. Incubate approximately 1 hour., 7. Remove media and wash cells 3 times: add 1X Cellular Wash Buffer and spin cells., 8. Resuspend cell pellet in 1X Cellular Wash Buffer., 9. If desired, label with additional stains, such as Hoechst 33342, DAPI, or an antibody., 10. If desired, fix cells., 11. Analyze with a fluorescence microscope or flow cytometer. FLICA 660 is excited at 660 nm and emits at 680-690 nm