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High sensitive imaging dye  
for lipid droplets

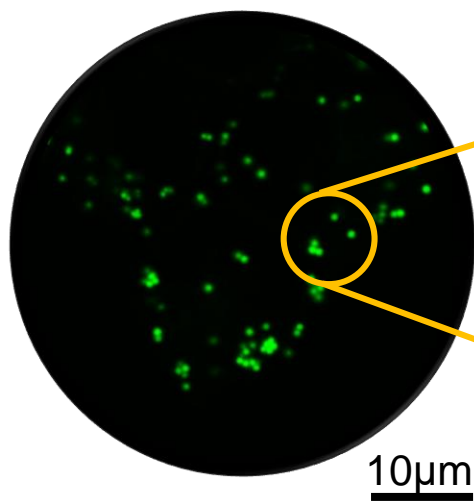
# LipiDye II

For more information : [https://www.funakoshi.co.jp/exports\\_contents/80682?FL](https://www.funakoshi.co.jp/exports_contents/80682?FL)

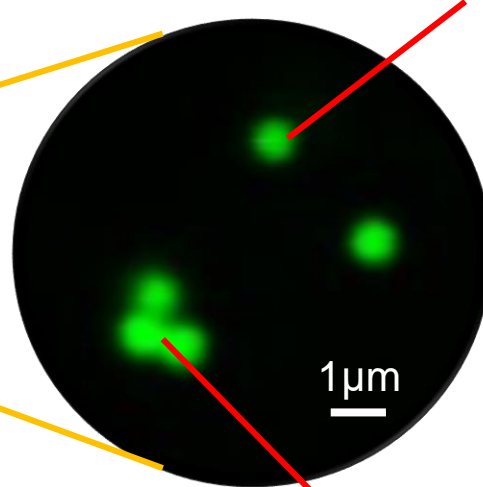


**High S/N ratio of LipiDye II enables to detect smaller lipid droplets in non-adipocyte**

## Non-adipocyte

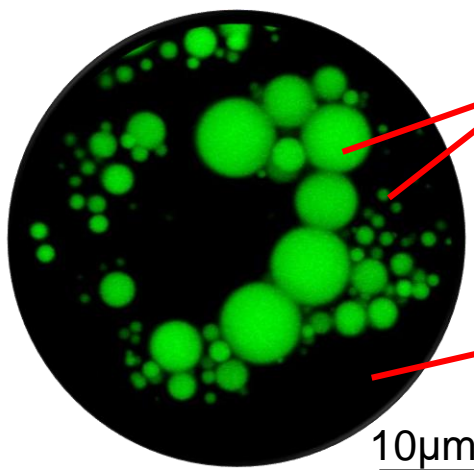


**Small Lipid Droplets  
Approximately 1µm**



**Interaction with lipid droplets  
can be observed**

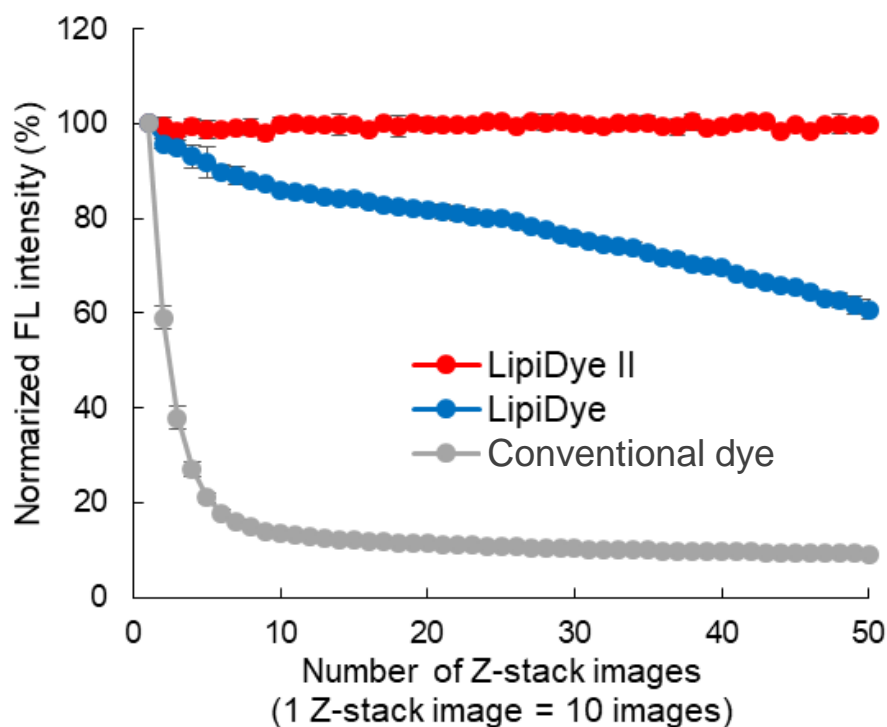
## Adipocyte (3T3-L1)



**Big/Small Lipid Droplets**

**Low background in cytoplasm**

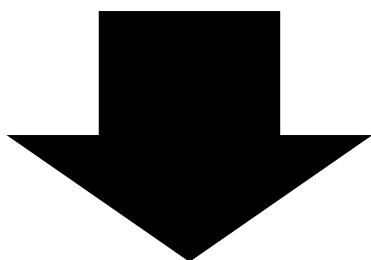
# The high photostability of LipiDye II enables to perform long-term time-lapse imaging



**LipiDye II keeps the fluorescence for a long time**

Previous version LipiDye is not enough capacity for long-term time-lapse imaging

Conventional dye easily lose the fluorescence



High sensitivity  
+  
Super-photostability

## LipiDye II

Check the detail!

- ✓ Succeeded in observation of dynamic biosynthesis, degradation and movement of lipid droplets in live cells.



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