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High sensitive imaging dye  
for lipid droplets

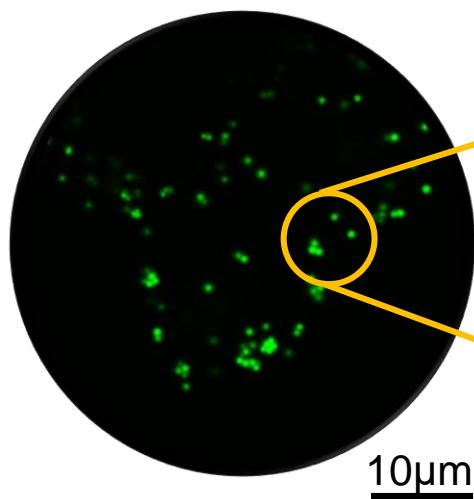
# LipiDye<sup>®</sup> II

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

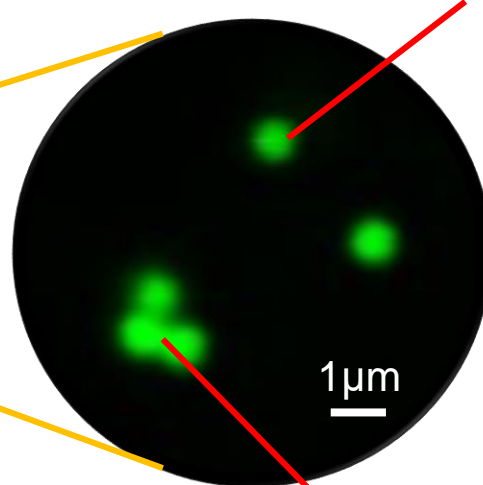


**High S/N ratio of LipiDye<sup>®</sup> II enables to detect smaller lipid droplets in non-adipocyte**

## Non-adipocyte

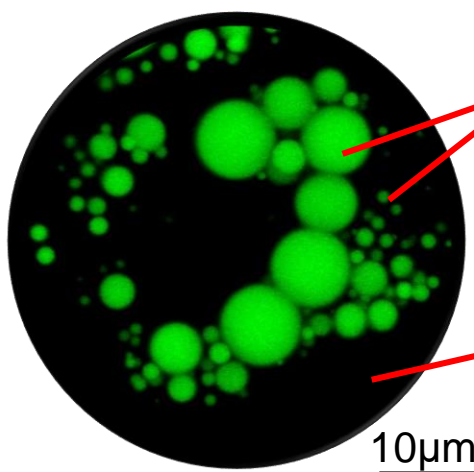


**Small Lipid Droplets  
Approximately 1 μm**



**Interaction with lipid droplets  
can be observed**

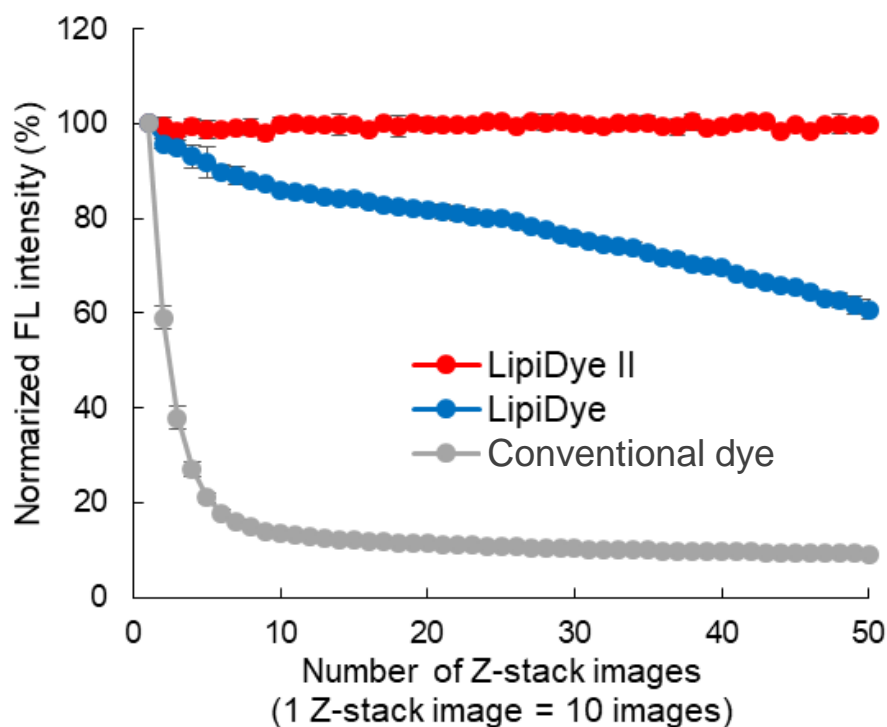
## Adipocyte (3T3-L1)



**Big/Small Lipid Droplets**

**Low background in cytoplasm**

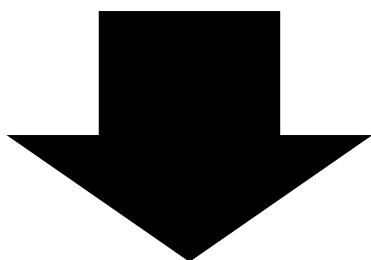
# The high photostability of LipiDye® II enables to perform long-term time-lapse imaging



**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.



NOTE

- ※ All products here are research use only, not for diagnostic use.
- ※ Specs might be changed for improvement without notice.
- ※ Numbers after “#” represents product code.
- ※ Company name and product name are trademark or registered mark.
- ※ Please contact your local distributors for orders, quote request and inquiry.

Your Local Distributor

2BScientific Ltd,



Cherwell Innovation Centre, 77 Heyford Park,  
Upper Heyford, OX25 5HD, UK  
Phone: +44 (0)1869 238033  
Fax : +44 (0)1869 238034  
General: info@2BScientific.com

Funakoshi Co., Ltd. (JAPAN)

Phone: +81-3-5684-6296  
Mail: export@funakoshi.co.jp



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