

### CyTRAK Orange™ 50µl (5 mM) ab109203

#### 1 图像

#### 概述

|       |  |
|-------|--|
| 产品名称  | CyTRAK Orange™ 50µl (5 mM)   |
| 经测试应用 | 适用于: FM, Flow Cyt, ICC/IF  |
| 常规说明  | <p>CyTRAK Orange™ is a novel orange fluorescent dye [related to <b>DRAQ5™ (ab108410)</b>] that stains both nucleus and cytoplasm. It is water soluble and membrane permeant which can be used in live and fixed cells in combination with other common fluorophores, such as GFP-fusions, green-labelled antibodies (FITC or DyLight® 488) and far-red dyes. CyTRAK Orange™ preferentially stains the nucleus, but also defines the cytoplasmic area in both live and fixed preparations. CyTRAK Orange™ does the work of two fluorophores! Key features of CyTRAK Orange™ include:</p> <p>Rapid staining of dsDNA/nuclei of LIVE or fixed cells</p> <p>Differential intensity of DNA binding and Cytoplasmic labelling - One fluorophore doing the work of two</p> <p>Low photobleaching effect</p> <p>Ideal for use with GFP, FITC &amp; DyLight® 488 and 649 labels</p> <p>No lyse / no wash protocols</p> <p>It is membrane-permeant</p> <p><b>Excitation</b></p> <p>457, 488 &amp; 549 (Ex<sub>max</sub> 515nm)</p> <p>similar profile to Propidium Iodide</p> <p>co-excited with FITC/Cy2/eGFP and PE-Cy7</p> <p>NOT excited by UV or red lasers (e.g. 633 &amp; 647 nm)</p> <p><b>Emission (instrument dependent):</b></p> <p>Em<sub>max</sub> 615 nm</p> <p>No significant spectral overlap with co-excited green fluors (eGFP, FITC, Cy2)</p> <p>Visualize GFP-tagged temporospatial changes in live cells in a single acquisition from a 488 nm excitation</p> |

#### 性能

|      |  |
|------|--|
| 形式   | Liquid   |
| 存放说明 | Store at +4°C. Do Not Freeze. Store In the Dark. |

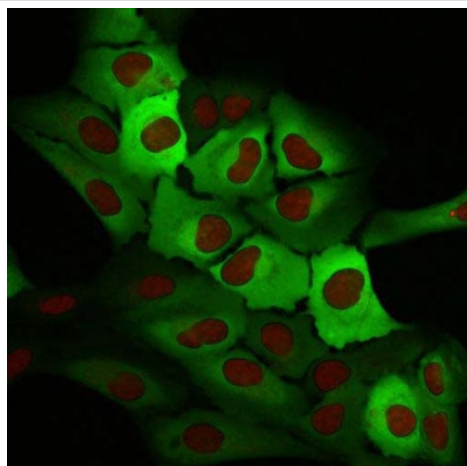
## The Abpromise guarantee

Abpromise™承诺保证使用ab109203于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用       | Ab评论 | 说明  |
|----------|------|---|
| FM       |      | Use at an assay dependent concentration.  |
| Flow Cyt |      | 1/300 - 1/1000.<br>For Nucleated Cell Gate = 5µM; For Discrimination of Arrested/<br>Senescent Cells = 15µM   |
| ICC/IF   |      | 1/1000. For microscopy counterstain = 5µM<br>It is highly recommended that the concentration and labelling<br>conditions are carefully determined by each investigator for<br>optimal performance in the assay of interest. For more specific<br>information about the applications, please refer to the Protocol<br>Booklet. |

## 图片



Live cells expressing eGFP/CyclinB1 were labelled with CyTRAK Orange™ (end concentration 20µM) for 20 minutes at 37 C, no wash. Image was captured using confocal microscopy at 488nm simultaneously: i) CyTRAK Orange™ channel - 598/40nm; ii) eGFP/CyclinB1 channel - 522/35nm

Immunocytochemistry/ Immunofluorescence -  
CyTRAK Orange™ 50µl (5 mM) (ab109203)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors