

CyTRAK Orange™ 50µl (5 mM) ab109203

画像数 1

製品の概要

製品名	CyTRAK Orange™ 50µl (5 mM)
アプリケーション	適用あり: FM, Flow Cyt, ICC/IF
特記事項	<p>CyTRAK Orange™ is a novel orange fluorescent dye [related to DRAQ5™ (ab108410)] 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 Differential intensity of DNA binding and Cytoplasmic labelling - One fluorophore doing the work of two Low photobleaching effect Ideal for use with GFP, FITC & DyLight® 488 and 649 labels No lyse / no wash protocols It is membrane-permeant</p> <p>Excitation</p> <p>457, 488 & 549 (Ex_{max} 515nm) similar profile to Propidium Iodide co-excited with FITC/Cy2/eGFP and PE-Cy7 NOT excited by UV or red lasers (e.g. 633 & 647 nm)</p> <p>Emission (instrument dependent):</p> <p>Em_{max} 615 nm No significant spectral overlap with co-excited green fluors (eGFP, FITC, Cy2) Visualize GFP-tagged temporospatial changes in live cells in a single acquisition from a 488 nm excitation</p>

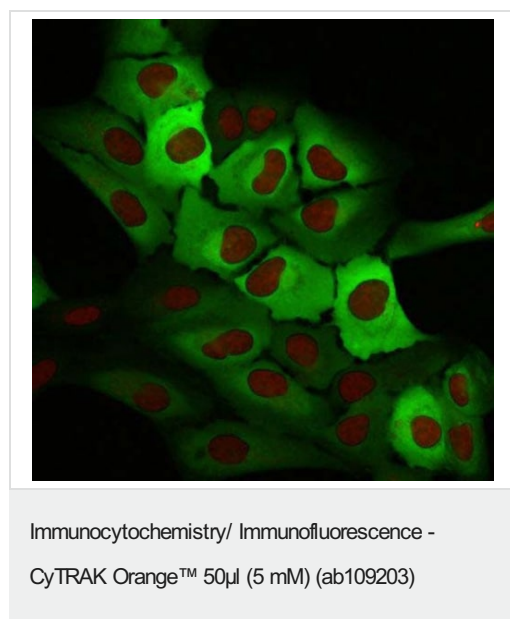
製品の特性

製品の状態	Liquid
保存方法	Store at +4°C. Do Not Freeze. Store In the Dark.

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab109203の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
FM		Use at an assay dependent concentration.
Flow Cyt		1/300 - 1/1000. For Nucleated Cell Gate = 5µM; For Discrimination of Arrested/ Senescent Cells = 15µM
ICC/IF		1/1000. For microscopy counterstain = 5µM It is highly recommended that the concentration and labelling conditions are carefully determined by each investigator for optimal performance in the assay of interest. For more specific information about the applications, please refer to the Protocol Booklet.

画像



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

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.co.jp/abpromise> or contact our technical team.

Terms and conditions

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