

Product datasheet

Nuclear Green LCS1 ab138904

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Overview

Product name	Nuclear Green LCS1
Tested applications	Suitable for: ICC/IF, Flow Cyt
General notes	<p>Nuclear Green LCS1 is a fluorogenic, DNA-selective and cell-permeant dye for analyzing DNA content in living cells. The Nuclear Green LCS1 has its green fluorescence significantly enhanced upon binding to double-stranded DNA. It can be used in fluorescence imaging, microplate and flow cytometry applications. This DNA-binding dye might be used for multicolor analysis of live and fixed cells.</p> <p>SPECTRAL PROPERTIES:</p> <p>Excitation: $E_{x_{max}}$ 503 nm</p> <p>Emission: $E_{m_{max}}$ 526 nm</p>

Properties

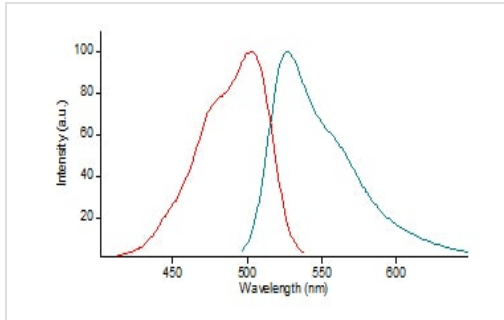
Form	Liquid
Storage instructions	Store at -20°C. Store In the Dark.
Storage buffer	Constituent: 99% Dimethylsulfoxide

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab138904 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration. Stock solution is 5mM. Working concentration is 2 - 10uM.
Flow Cyt		Use at an assay dependent concentration.

Images



Excitation and emission spectra for ab138904 Nuclear Green LCS1 bound to DNA in PBS (pH 7.4).

Functional Studies - Nuclear Green LCS1
(ab138904)

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