

## Product datasheet

# Lysosome/ER/Nuclear Staining Reagent - Cytopainter ab139488

1 Image

### Overview

<b>Product name</b>	Lysosome/ER/Nuclear Staining Reagent - Cytopainter
<b>Sample type</b>	Adherent cells, Suspension cells
<b>Assay type</b>	Cell-based
<b>Assay time</b>	0h 30m
<b>Species reactivity</b>	<b>Reacts with:</b> Mammals, Other species
<b>Product overview</b>	Lysosome/ER/Nuclear Staining Reagent   Cytopainter (ab139488) contains Organelle Reagent II, a mixture of cell-permeable red fluorescent lysosomal dye, green fluorescent endoplasmic reticulum dye and blue fluorescent nucleic acid dye. The staining pattern arising from the combination of these three dyes permits visualization of the target organelles by fluorescence/confocal microscopy. The reagent, supplied as a 500X solution, is sufficient for 1000 microscopy assays. The single-tube format makes this multi-organelle stain reagent easy to use.

Review other dyes and kits for [lysosomal staining](#), or the [live cell staining fluorescent dyes guide](#)

### Notes

**Lysosomal Staining - Red:** Ex/Em = 568/667 nm

**Endoplasmic Reticulum Staining - Green:** Ex/Em = 440/565 nm

**Nuclear Staining - Blue:** Ex/Em = 350/461 nm

### Platform

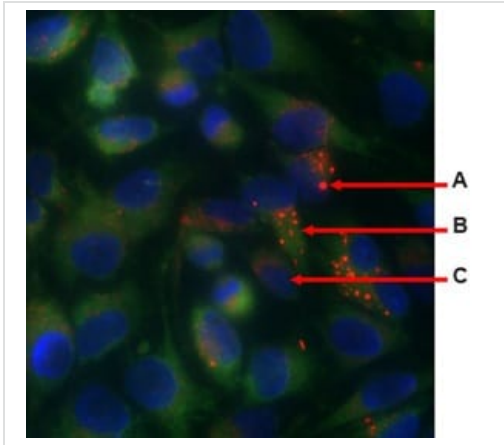
Fluorescence microscope

### Properties

**Storage instructions** Please refer to protocols.

Components	1000 tests
Organelle Reagent II	1 x 200µl

### Images



Live cells treated with Chloroquine and stained with Organelle Reagent II showing composite of (A) lysosomes in red, (B) endoplasmic reticula in green, and (C) nuclei in blue.

Live cells stained with CytoPainter Lysosome/ ER/  
Nuclear Staining Reagent

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

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