



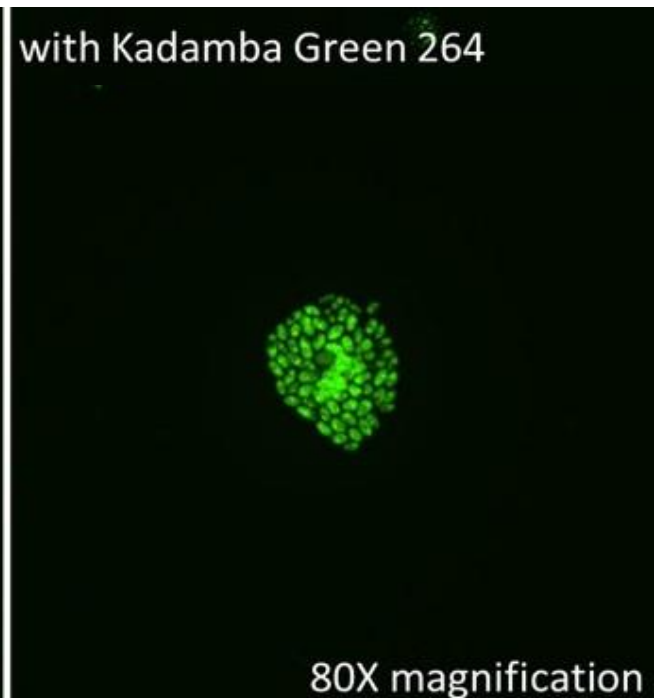
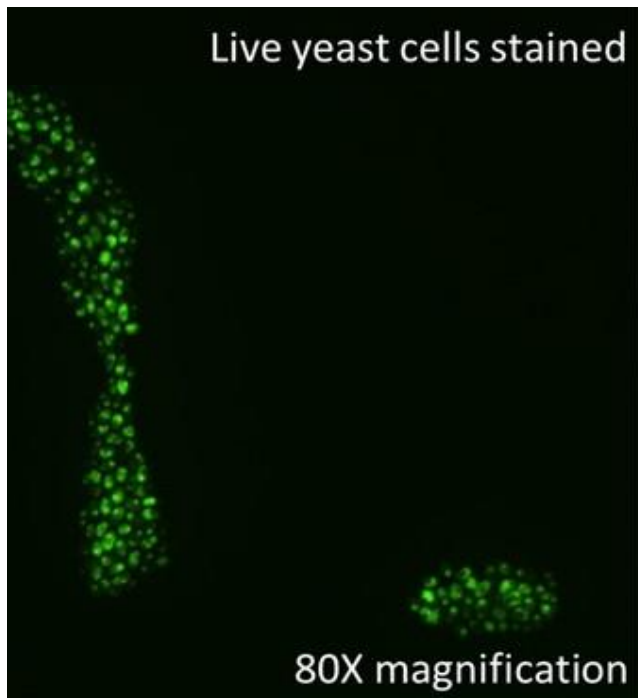
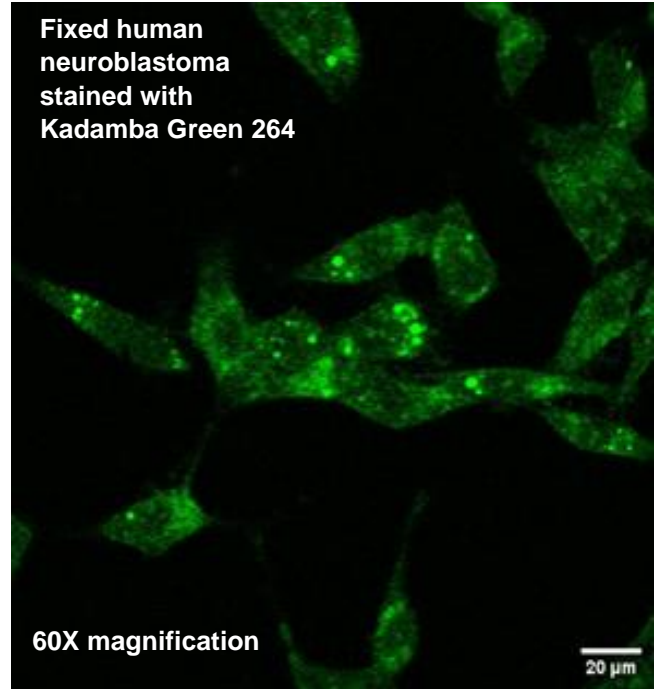
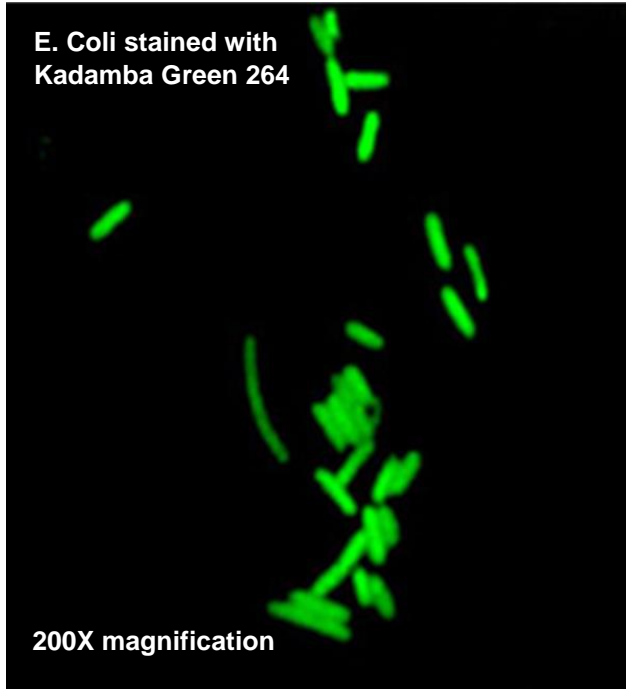
# **FLUORESIGHT BIOPROBES PRIVATE LIMITED**

<b>Product Name</b>	<b>Kadamba Green (KG) 264  (Cat # FSB-001-2023)</b>
Product type	Fluorescent dye for cell staining
Application	Live & fixed cell staining.  Models: <b>Microbes</b> (bacteria, yeast, halophilic archae bacteria) and <b>plants</b> .
Sub cellular localization	Cytoplasm, cytosol, plant cell wall.
Best suited for	Fluorescence / Confocal microscopy & flow cytometry
Excitation	Excitable at 405 nm and also at 488 nm
Emission	500 – 550 nm
Stokes' Shift	~100 nm
Storage	Room temperature

CIN: U85300GA2022PTC015153.

Registered office: Qtr. No. C-360, BITS Pilani, K K Birla Goa Campus, NH17B, Bypass Road, Zuarinagar, South Goa, Goa, India, 403726

## APPLICATION IMAGES IN CONFOCAL MICROSCOPY





# **FLUORESIGHT BIOPROBES PRIVATE LIMITED**

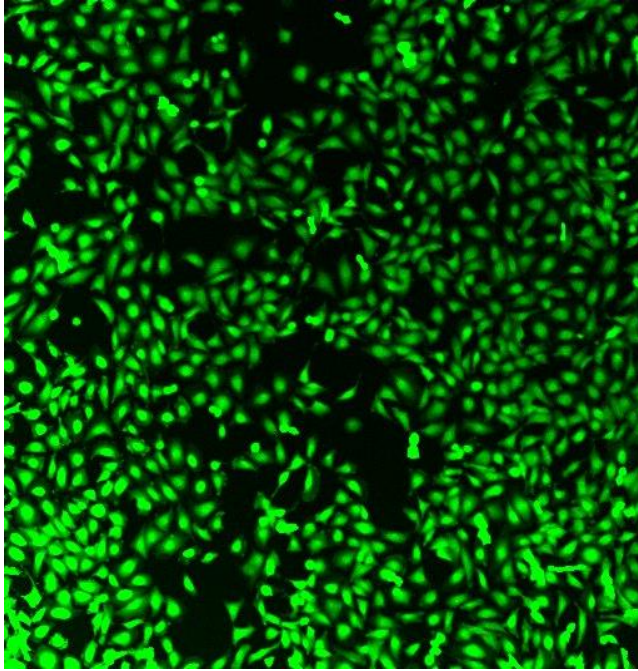
<b>Product Name</b>	<b>Mandovi Green (MG) 306  (Cat # FSB-002-2023)</b>
Product type	Fluorescent dye for cell staining
Application	Live cell staining, cell tracking, cell movement, inter cellular interaction  Models: Eukaryotic cell lines.
Sub cellular localization	Cytoplasm, cytosol
Best suited for	Fluorescence / Confocal microscopy & flow cytometry
Excitation	Excitable at 405 nm and also at 488 nm
Emission	500 – 550 nm
Stokes' Shift	~100 nm
Multiplexing ability	Capable of multiplexing with blue and red channel dyes.
Storage	Room temperature

CIN: U85300GA2022PTC015153.

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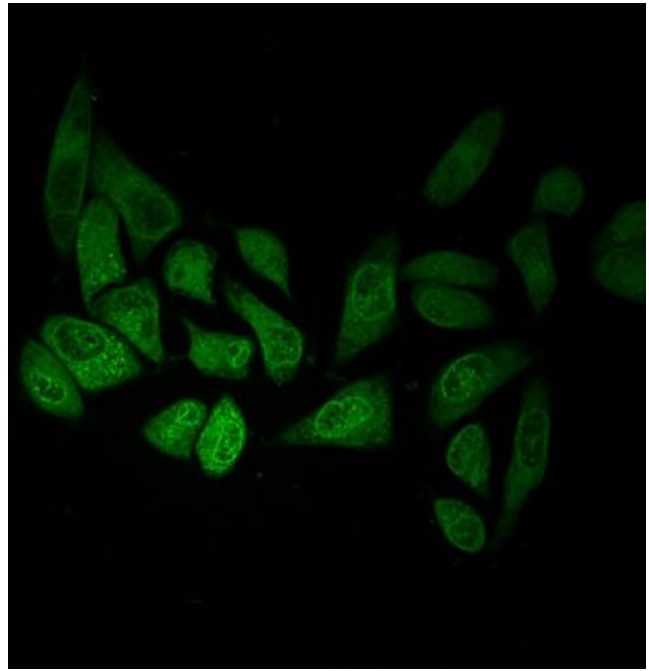
## **APPLICATION IMAGES IN CONFOCAL MICROSCOPY**

**Live mouse embryonic stem cells  
stained with Mandovi Green 306**

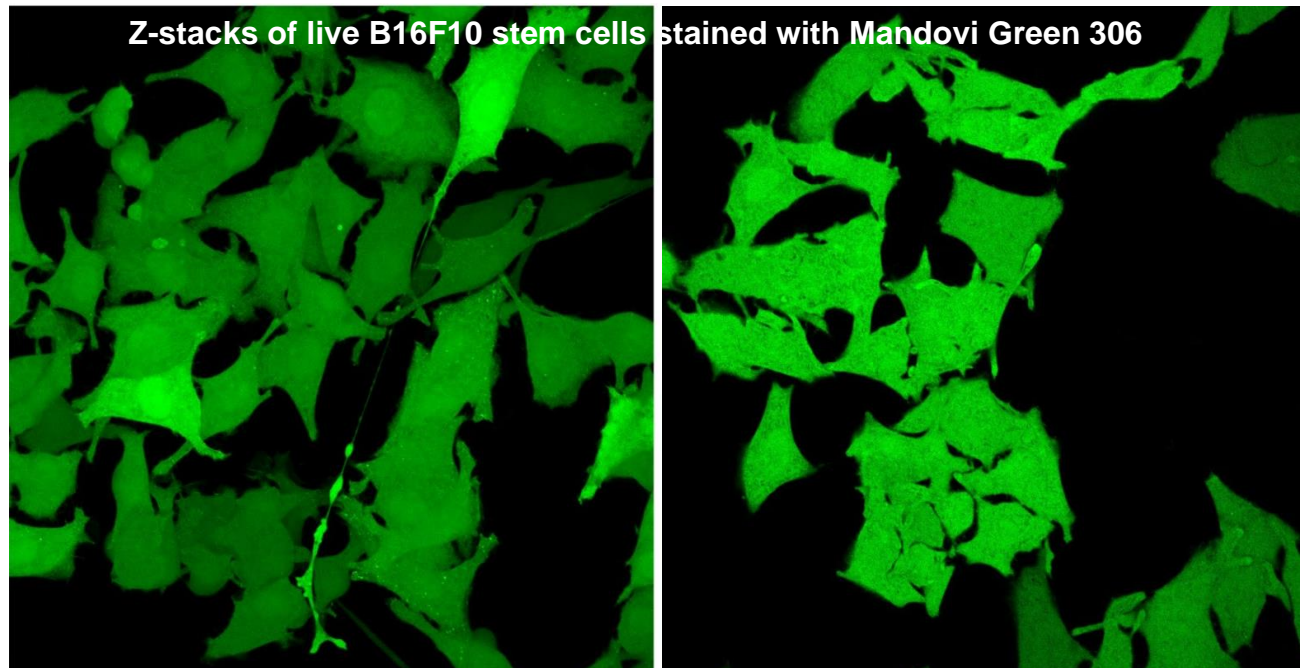


**10X magnification**

**Live Hela cells stained with Mandovi  
Green 306**



**60X magnification**



**Z-stacks of live B16F10 stem cells stained with Mandovi Green 306**

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# **FLUORESIGHT BIOPROBES PRIVATE LIMITED**

<b>Product Name</b>	<b>Mandovi Green (MG) 444  (Cat # FSB-003-2023)</b>
Product type	Fluorescent dye for cell staining
Application	Fixed cell staining, cyto-painting.  Models: Eukaryotic cell lines.
Sub cellular localization	Cytoplasm, cytosol, nucleolus
Best suited for	Fluorescence / Confocal microscopy
Excitation	Excitable at 405 nm and also at 488 nm
Emission	500 – 550 nm
Stokes' Shift	~100 nm
Multiplexing ability	Capable of multiplexing with blue and red channel dyes.
Storage	Room temperature

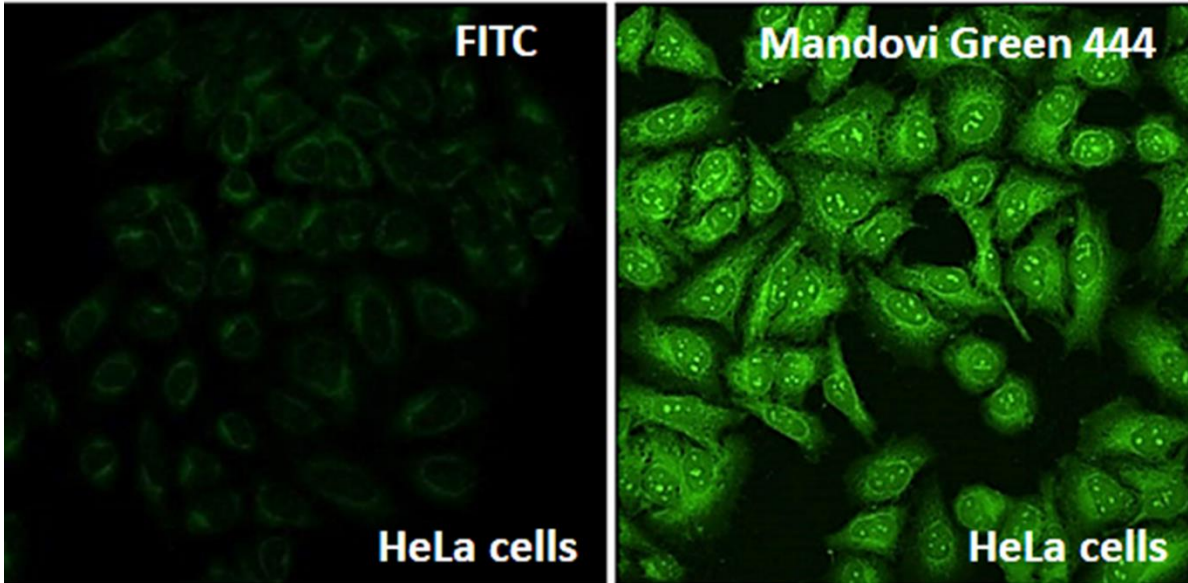
CIN: U85300GA2022PTC015153.

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# **FLUORESIGHT BIOPROBES PRIVATE LIMITED**

## **APPLICATION IMAGES IN CONFOCAL MICROSCOPY**

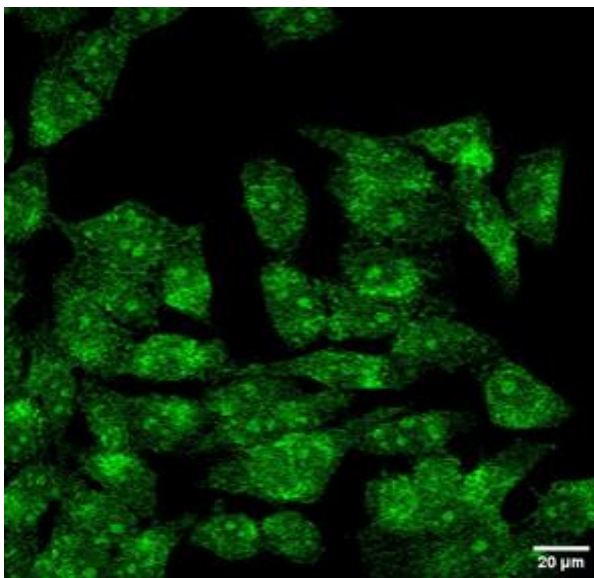
**A COMPARATIVE ANALYSIS OF FIXED HELA CELLS STAINED WITH FITC AND MG 444**



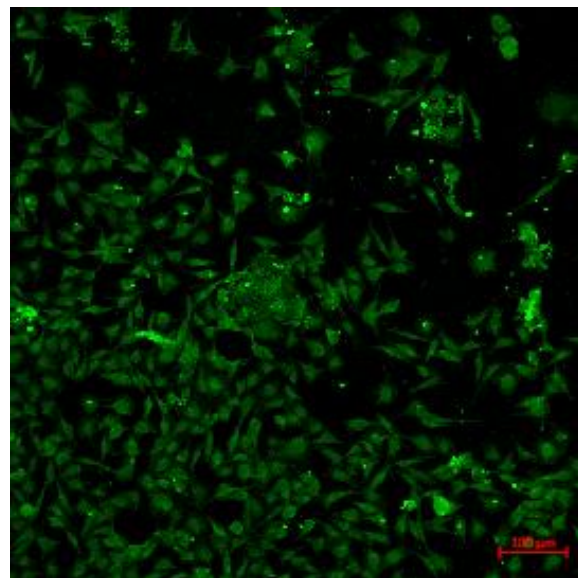
**80X magnification**

**Fixed human neuroblastoma stained with Mandovi Green 444**

**Fixed fibroblasts L929 stained with Mandovi Green 444**



**60X magnification**



**10X magnification**

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# **FLUORESIGHT BIOPROBES PRIVATE LIMITED**

<b>Product Name</b>	<b>Lysosight Green (Cat # FSB-004-2024)</b>
Product type	Fluorescent dye for live cell lysosome staining
Application	Live cell staining
Sub cellular localization	Lysosomes
Best suited for	Confocal microscopy of live cells
Excitation	Excitable at 405 nm and also at 488 nm
Emission	500 nm
Stokes' Shift	95 nm
Multiplexing ability	Capable of multiplexing with blue and red channel dyes.
Storage	Room temperature

CIN: U85300GA2022PTC015153.

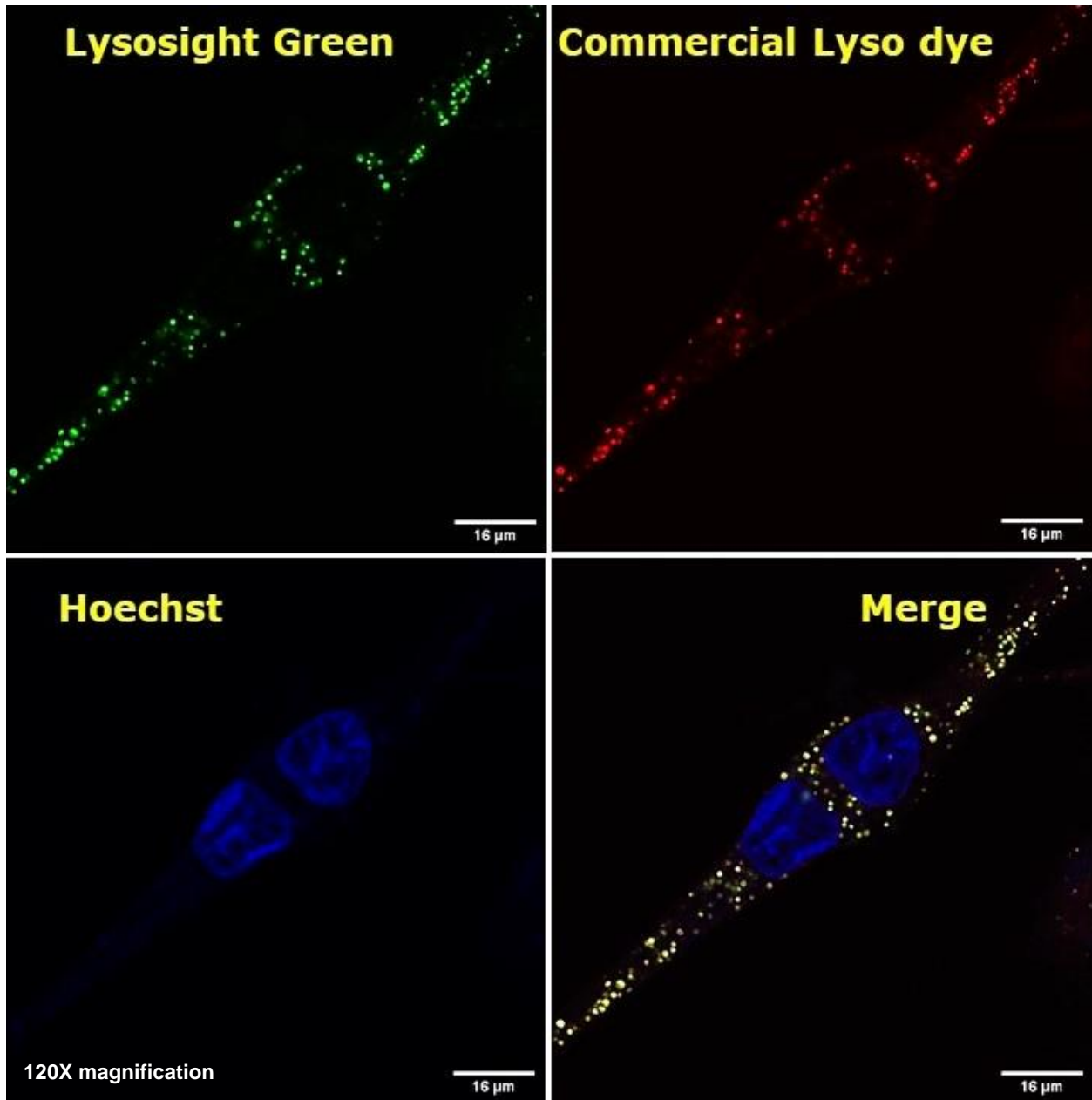
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# **FLUORESIGHT BIOPROBES PRIVATE LIMITED**

## **APPLICATION IMAGES IN CONFOCAL MICROSCOPY**

**CO-STAINING OF LYSOSIGHT GREEN WITH LYSOTRACKER RED IN LIVE A549 CELLS**



CIN: U85300GA2022PTC015153.

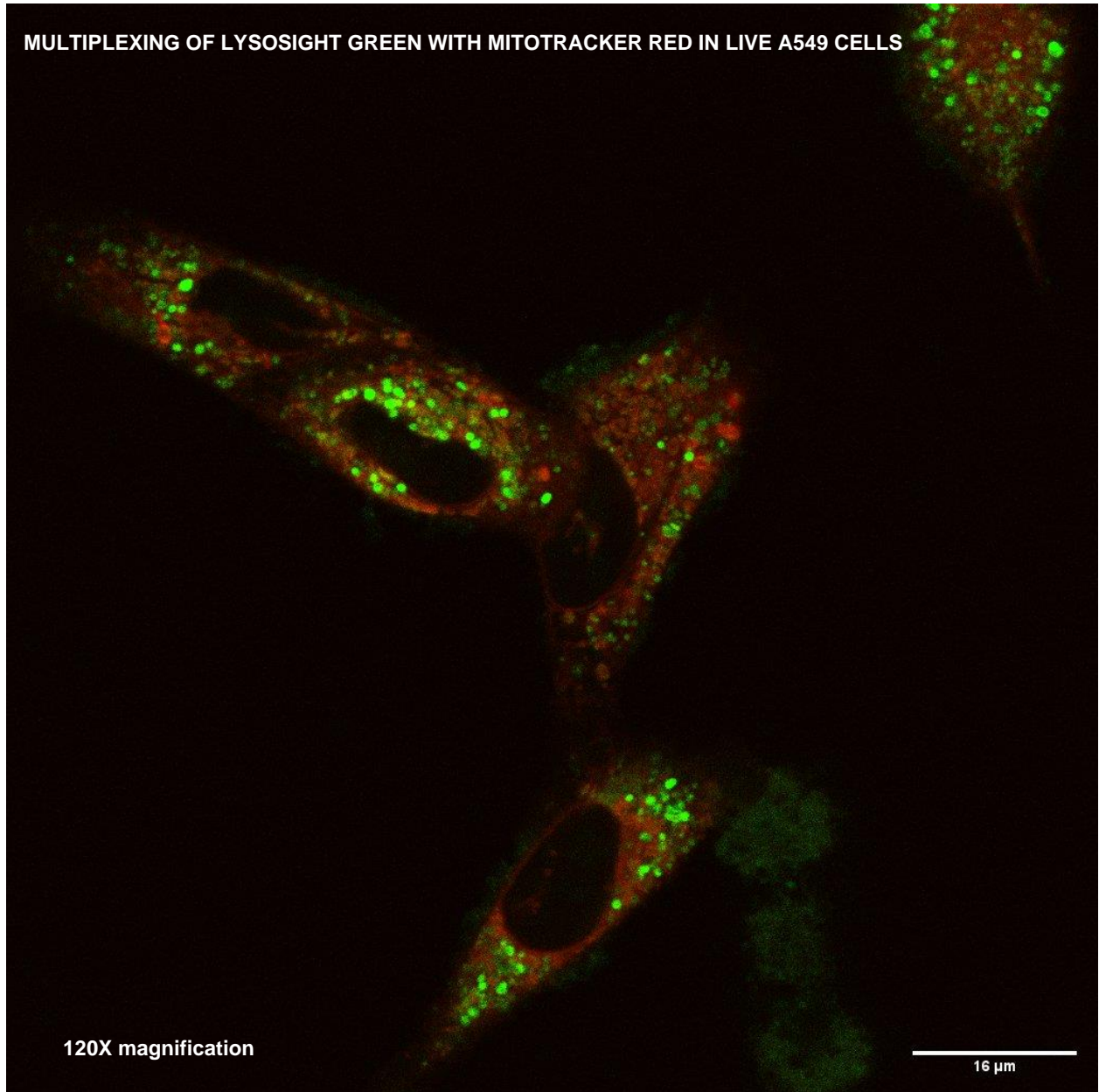
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# **FLUORESIGHT BIOPROBES PRIVATE LIMITED**

MULTIPLEXING OF LYSOSIGHT GREEN WITH MITOTRACKER RED IN LIVE A549 CELLS



CIN: U85300GA2022PTC015153.

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# **FLUORESIGHT BIOPROBES PRIVATE LIMITED**

<b>Product Name</b>	<b>Mitosight Green  (Cat # FSB-005-2024)</b>
Product type	Fluorescent dye for live cell mitochondrial staining
Application	Live cell staining.
Sub cellular localization	mitochondria
Best suited for	Confocal microscopy of live cells
Excitation	Excitable at 405 nm and also at 488 nm
Emission	550 nm
Stokes' Shift	145 nm
Multiplexing ability	Capable of multiplexing with blue and red channel dyes.
Storage	Room temperature

CIN: U85300GA2022PTC015153.

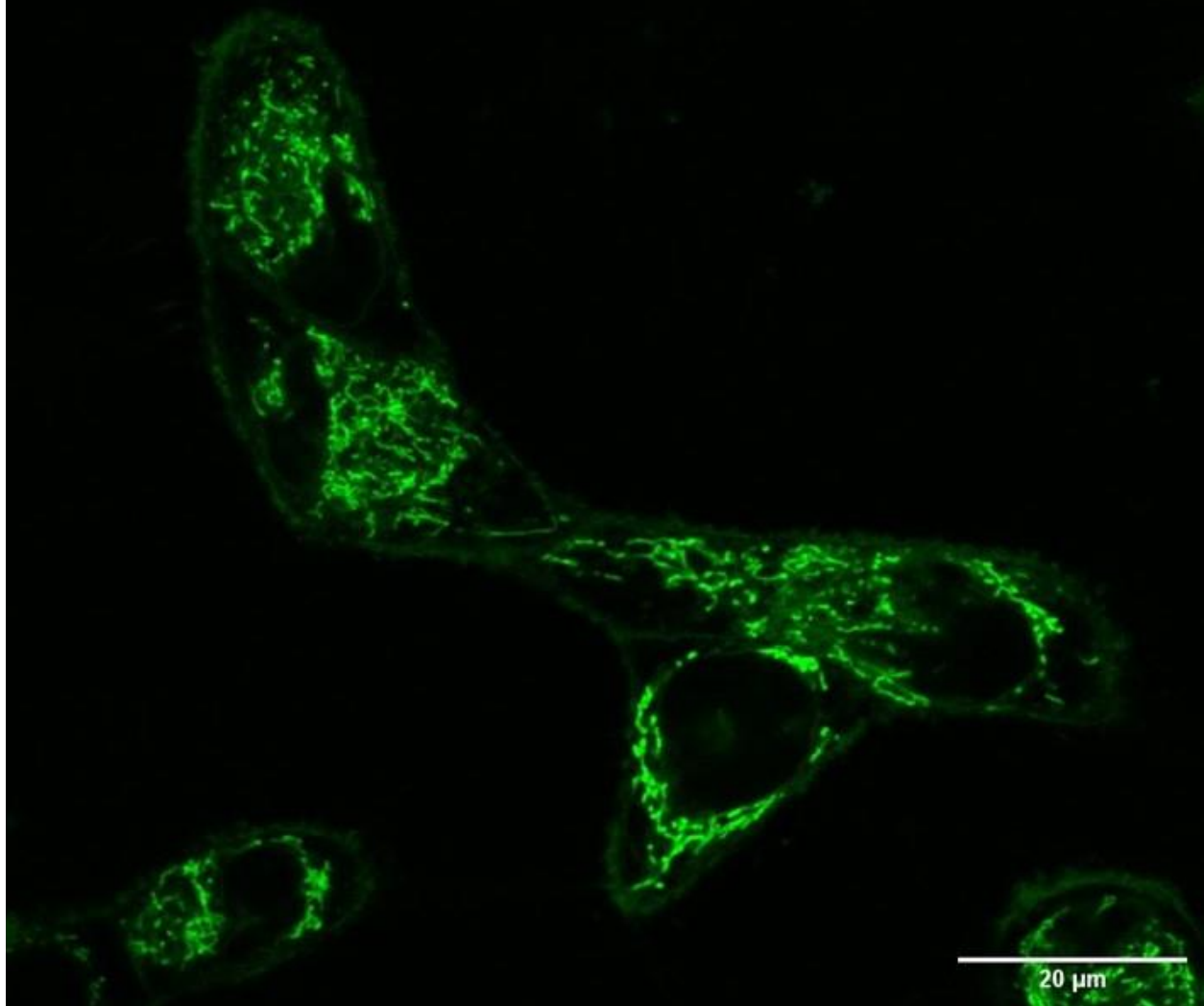
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# **FLUORESIGHT BIOPROBES PRIVATE LIMITED**

## **APPLICATION IMAGES IN CONFOCAL MICROSCOPY**

**Confocal laser scanning microscopic image of live HeLa cells stained with our mitochondria specific fluorophore **Mitosight Green** at 120X magnification**



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