

BioTracker 540 Red Lysosome Dye Live cell imaging dye for acidic cellular organelles such as lysosomes.

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Unit EA

Description

Lysosomes are membrane-enclosed organelles that contain an array of enzymes capable of breaking down all types of biological material including proteins, nucleic acids, carbohydrates, and lipids. Lysosomes function as the digestive system of the cell, serving both to degrade material taken up from outside the cell and to digest obsolete components of the cell itself. BioTracker Lysosome dyes are fluorescent stains for imaging lysosome localization and morphology in live cells. The dyes accumulate in the low pH environment of the lysosomes, resulting in highly specific lysosomal staining without the need for a wash step. The BioTracker 540 Red Lysosome Dye can be detected using the red Cy3 channel. Spectral Properties: Absorbance: 541nm, Emission: 634nm Research Category: Cell Imaging