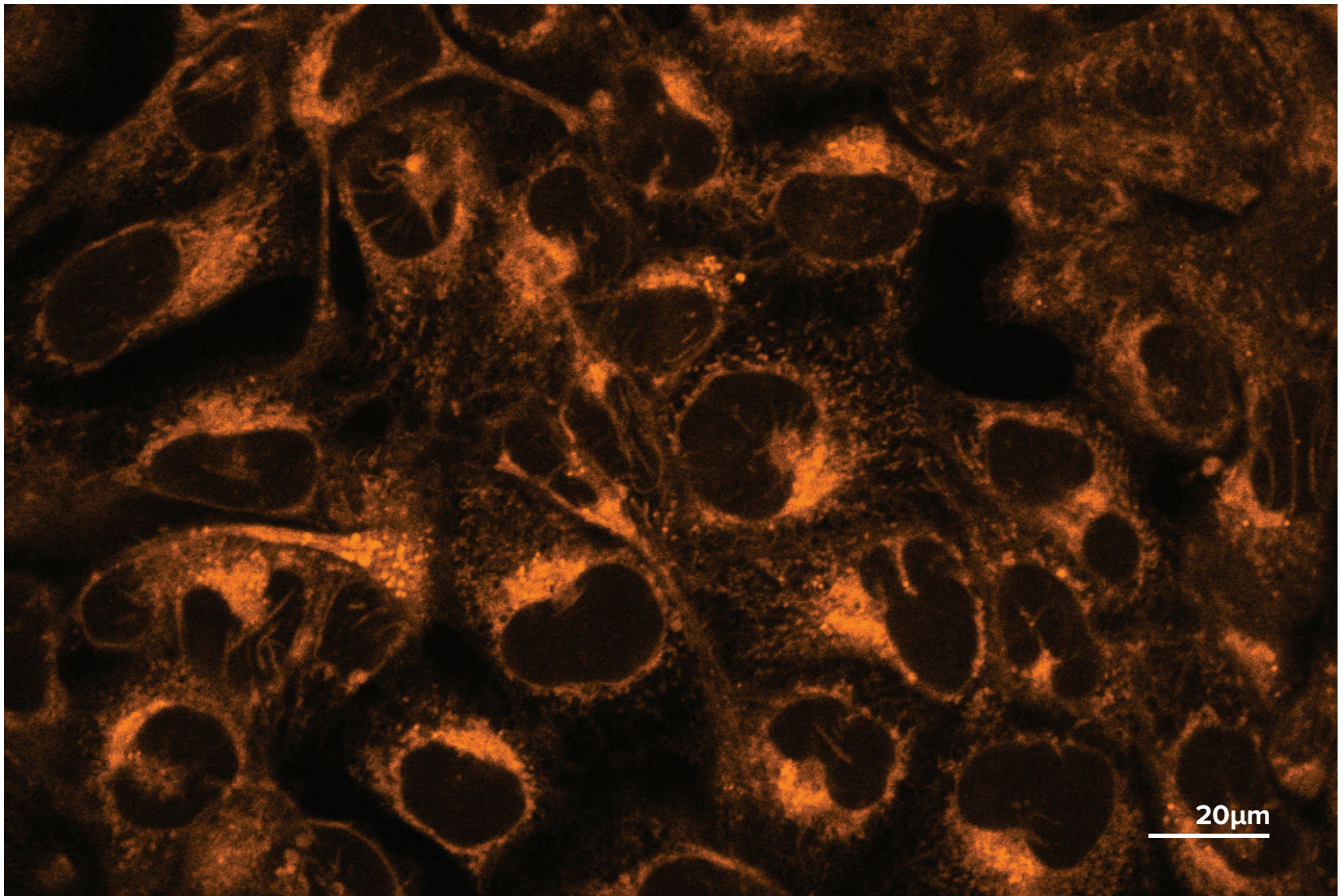




FLUOROPHORES FOR TARGETED INSIGHTS

ReZolve-ER™

ReZolve-ER™ is a live cell imaging agent with rapid cell uptake for imaging the endoplasmic reticulum. For use in a wide variety of live and fixed cells.



REZOLVE SCIENTIFIC Pty Ltd

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FLUOROPHORES FOR TARGETED INSIGHTS

ReZolve-ER™

ReZolve-ER™ is an endoplasmic reticulum stain for live and fixed cell imaging. This fluorophore is ideal for intermittent or long term monitoring of the endoplasmic reticulum with quick cellular uptake and localisation, low cytotoxicity and high photostability to increase image acquisition time. This product is easily washed from cells allowing flexibility in experimental design.

ReZolve-ER™ is ideal for fluorescence applications with excitation by UV and 405 nm light sources and emission maximum of 570 nm. This unique excitation/emission profile makes this product compatible with multicolour image. This product is also suitable for multiphoton imaging, further improving compatibility with live cell applications.

Specifications

Subcellular localisation	Endoplasmic reticulum
Colour	Orange
For Use With (equipment)	Fluorescence microscopy, flow cytometry, microplate reader, multiphoton microscopy, Raman spectroscopy, Infrared spectroscopy
Tested in	Human cell culture lines (LNCaP, 22RV1, Du145, PNT1a), mammalian cell culture lines (CHO-K1, H9c2). Mammalian muscle (sheep) and adipose (sheep)
Sample Preparations	Live, paraformaldehyde fixed, cryo-fixed
Excitation/Emission	UV or 405 / 570 nm
Solubility	DMSO
Shipping	Room Temperature
Storage	Room Temperature

Publications

Imaging nuclear, endoplasmic reticulum and plasma membrane events in real time. (2016) FEBS Lett, 590: 3051–3060.

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