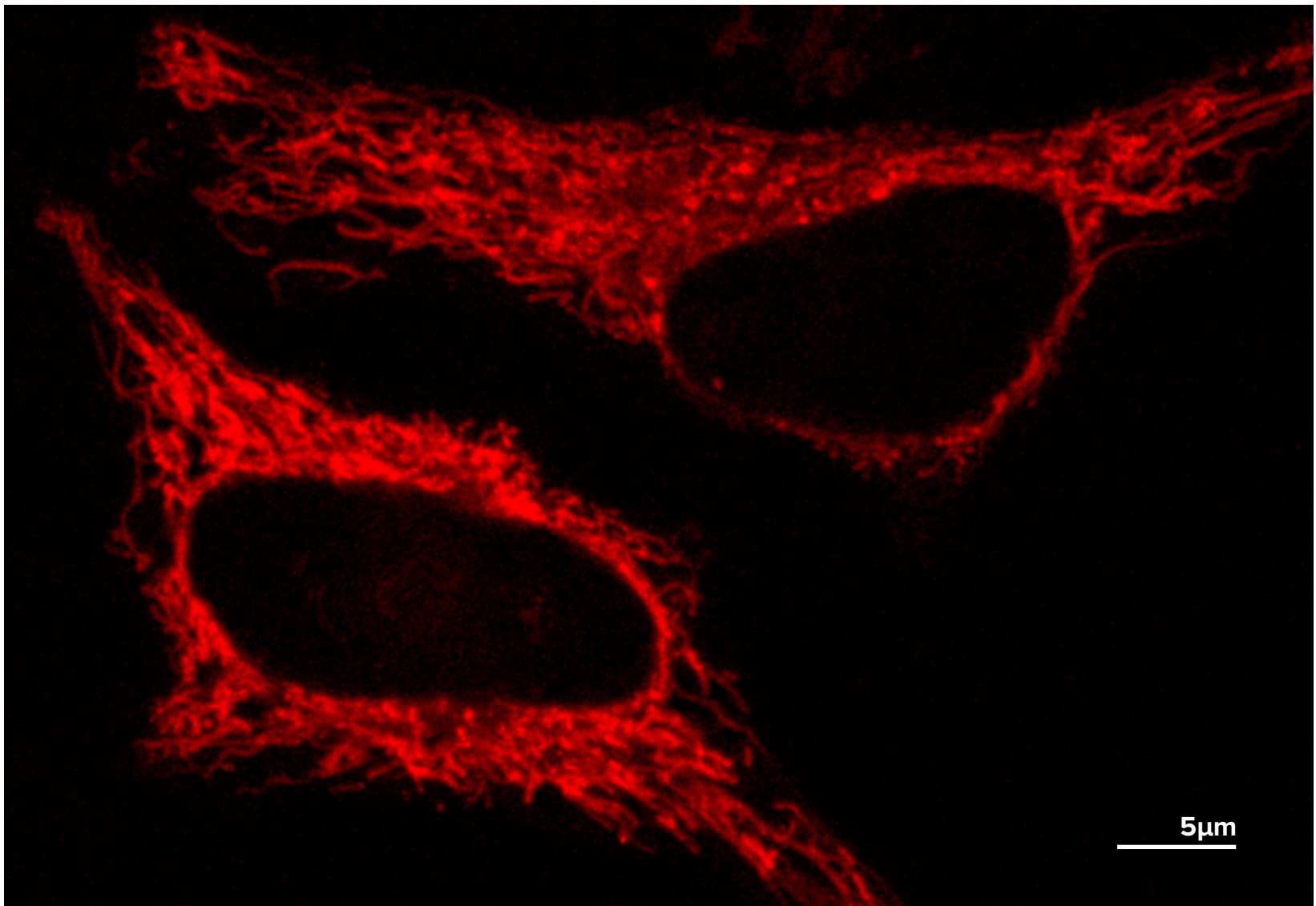




FLUOROPHORES FOR TARGETED INSIGHTS

## IraZolve-Mito™

IraZolve-Mito™ is a mitochondrial marker which is uniquely suitable for the detection of mitochondria in fixed tissue samples. This product can also be used for rapid imaging of mitochondria in live cell and tissues.



**REZOLVE SCIENTIFIC Pty Ltd**  
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## FLUOROPHORES FOR TARGETED INSIGHTS

# IraZolve-Mito™

IraZolve-Mito™ localises to mitochondria in live cells and tissues. This product has also been proven to be successful for the detection of mitochondria in paraformaldehyde and cryo-fixed tissue. This cell permeable stain allows mitochondrial detection in tissue samples in one step with no requirement for tissue permeabilization or even sectioning. IraZolve-Mito™ has been trialled in paraformaldehyde and cryo-fixed sheep skeletal muscle, cardiac muscle and adipose tissue. It has also been tested for use in live mammalian cell lines and tissues.

## Specifications

<b>Subcellular localisation</b>	Mitochondria
<b>Colour</b>	Red
<b>For Use With (equipment)</b>	Fluorescence microscopy, flow cytometry, microplate reader, multiphoton microscopy
<b>Tested in</b>	Human cell culture lines (HeLa), murine cell culture lines (H9c2). Mammalian muscle (sheep) and adipose (sheep) tissues.
<b>Sample Preparations</b>	Live cells and tissues; paraformaldehyde fixed, cryo-fixed tissues
<b>Excitation/Emission</b>	UV or 405 / 600 nm
<b>Solubility</b>	DMSO
<b>Shipping</b>	Room Temperature
<b>Storage</b>	4°C after reconstitution in DMSO.

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