

Product datasheet

CyGEL Sustain™ ab109205

★★★★★ [1 Abreviews](#) [1 References](#) [1 Image](#)

Overview

Product name	CyGEL Sustain™
Tested applications	Suitable for: ICC/IF, FM
General notes	<p>CyGEL Sustain™ is a novel thermoreversible hydrogel which is liquid when cold and a gel when warmed at room temperature (22°C +/- 1°C). CyGEL Sustain™ is compatible with live cells and can be used to immobilize non-adherent cells by simple warming, and conversely, allowing their recovery by simple cooling. CyGEL Sustain™ has many applications in imaging and cell-based screening.</p> <p>Key features of CyGEL Sustain™ include:</p> <ul style="list-style-type: none">Convenient immobilization of non-adherent cells.Controllable and rapid transition from liquid to gel, which allows quick preparation of live cells for gel mounting.Optically clear with low autofluorescence.Compatible with GFP and other fluorescent probes such as DRAQ5™ (ab108410). <p>CyGEL Sustain™ is recommended for mounting live de-adherent/ non-adherent cells and <i>Zebrafish</i> embryos for microscopy. CyGEL Sustain™ is specially formulated to allow addition of RPMI and similar culture media, which makes it the best tool for extended imaging experiments, as cells will survive for several hours.</p> <p>CyGEL Sustain™ is supplied as 10 vials, each containing 500µl.</p> <p>For live <i>C. elegans</i> and parasites we recommend CyGEL™(ab109204).</p>

Properties

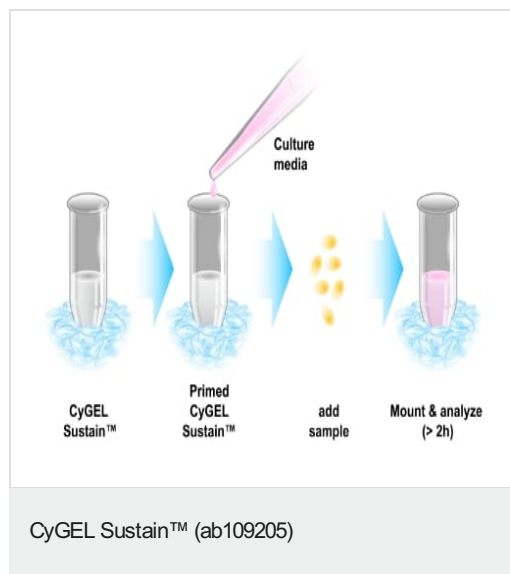
Form	Liquid
Storage instructions	Store at +4°C. Do not freeze.
Storage buffer	Constituent: 100% Oxirane methyl polymer with oxirane

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab109205 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration. Please refer to the Protocol Booklet for detailed information about the use of CyGEL Sustain.
FM		Use at an assay dependent concentration.

Images



This illustration demonstrates the general procedure for using CyGEL Sustain™ with live cells prior analysis by fluorescence microscopy.

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