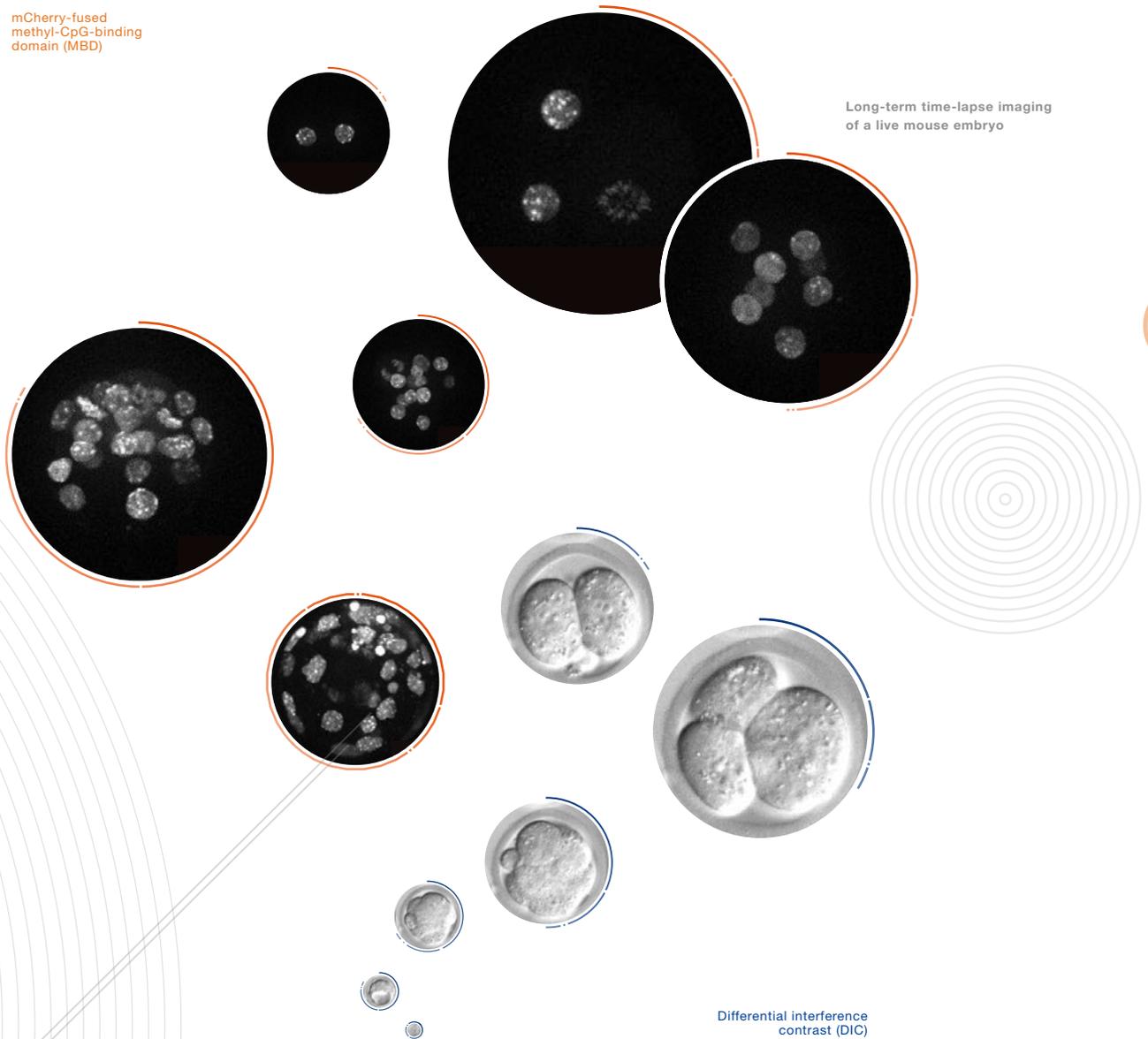


mCherry-fused
methyl-CpG-binding
domain (MBD)

Long-term time-lapse imaging
of a live mouse embryo



Differential interference
contrast (DIC)

Precise Live Cell Imaging

Designed for precise live-cell imaging, the IXplore™ Live microscope system uses accurate device control to reduce photobleaching and enhance cell viability for physiologically relevant data.

www.olympus-lifescience.com/ixplore-live



IXplore Live

Microscope System
Precise live-cell imaging

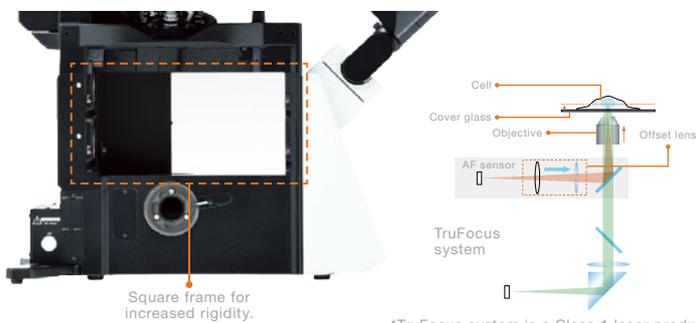
Incubation system



Meeting the Needs of Live Samples

CO₂ incubation system* maintains cell health over several days, enabling more reliable time-lapse observations.

*Third-party products.



Square frame for increased rigidity.

*TruFocus system is a Class 1 laser product.

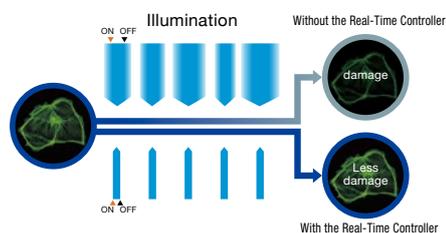
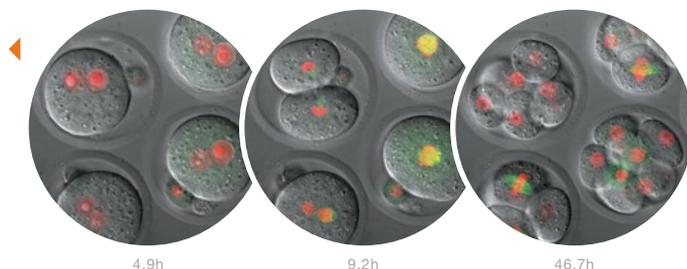
Hardware Stability

The square frame architecture and focus drive design of the IXplore™ system enhance rigidity and reduce the impact of vibration and temperature. This design, combined with our TruFocus™ system, facilitates reliable time-lapse imaging by maintaining the desired position along the Z axis.

TRU FOCUS

Live-Cell Imaging

The optional Olympus silicone oil immersion objectives provide a close refractive index match to that of living tissue, enabling optimal time-lapse imaging of live cells.



Microsecond Accuracy Device Control

The Olympus Real-Time Controller provides faster and more accurate device control than that of standard USB controllers. This improves the speed and safety of live-cell work by coordinating filter wheels, shutters, LED light sources, and cameras to significantly reduce latencies and phototoxicity.

Your Science Matters

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EvidentScientific.com

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OLYMPUS

EVIDENT CORPORATION
Shinjuku Monolith, 2-3-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0910, Japan

- EVIDENT CORPORATION is ISO14001 certified.
- EVIDENT CORPORATION is ISO9001 certified.
- Illumination devices for microscope have suggested lifetimes. Periodic inspections are required. Please visit our website for details.

- Images on the PC monitors are simulated.
- Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer.
- IXplore and TruFocus are trademarks of Evident Corporation or its subsidiaries.