ibidi®
cells in focus

Immunofluorescence Has Never Been This Easy

✓ Fast and Simple Handling

Simplify your staining procedure—perform all steps in one single slide

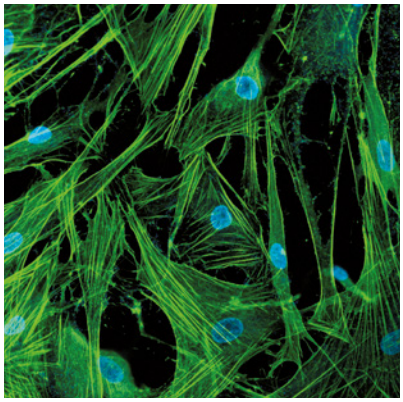
✓ Cost-Effective Experiments

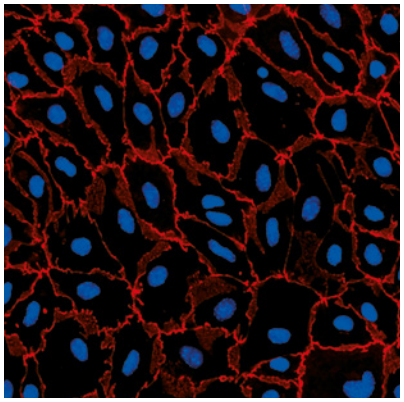
Reduce your costs—use only small numbers of cells and a low amount of medium and antibodies

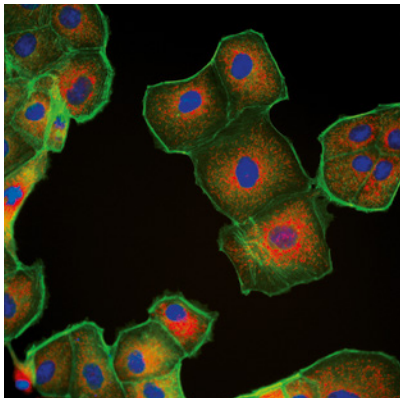
✓ High-Resolution Imaging

Get brilliant microscopic images due to the slides' optical specifications

Image info on the back side.





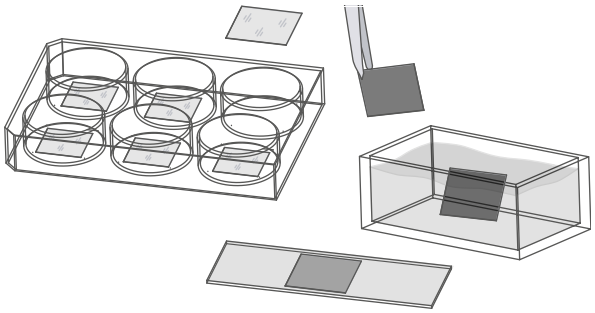


Saving Time With Immunofluorescence Assays

Comparison of Immunocytochemistry Protocols: Traditional Staining vs. Staining With ibidi Solutions

Protocol With Cells on Coverslips

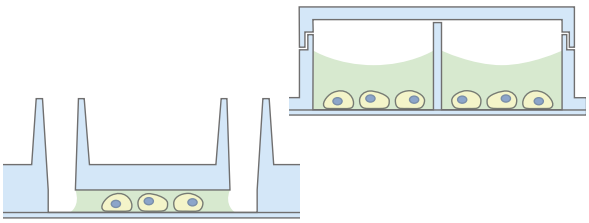
Traditional method with nail polish mounting



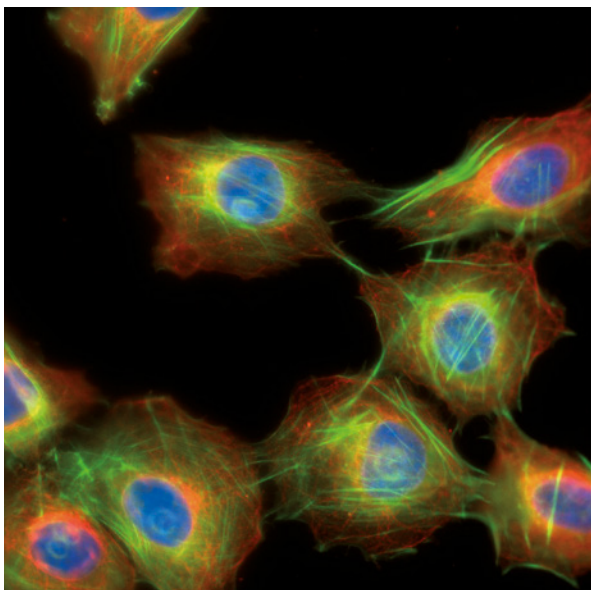
- Sterilize coverslips and slides
- Coat coverslips
- Place sterile coverslips into 6-well plate
- Seed cells in large volume
- Peel off the coverslip
- Wash
- Fix – wash – permeabilize – wash – block
- Incubate in primary antibody – wash – incubate in secondary antibody
- Wash
- Mount cells with mounting medium
- Mount coverslip with nail polish

Protocol With ibidi µ-Slides

Time-saving method using all-in-one chambers



- ~~Sterilize coverslips and slides~~
- ~~Coat coverslips~~
- ~~Place sterile coverslips into 6-well plate~~
- Seed cells ~~in large volume~~
- ~~Peel off the coverslip~~
- Wash
- Fix – wash – permeabilize – wash – block
- Incubate in primary antibody – wash – incubate in secondary antibody
- Wash
- Mount cells with mounting medium
- ~~Mount coverslip with nail polish~~



Fluorescence microscopy of rat fibroblasts (Rat1) in a µ-Slide 18 Well Glass Bottom. Red: alpha-tubulin; green: F-actin, stained with LifeAct-TagGFP2 Protein; blue: nuclei (ibidi Mounting Medium with DAPI). 60x objective lens, oil immersion.

ibidi Solutions for Immunofluorescence

Tailored for Your Assay: Choose from 3 Unique Solutions

Chambered Coverslips

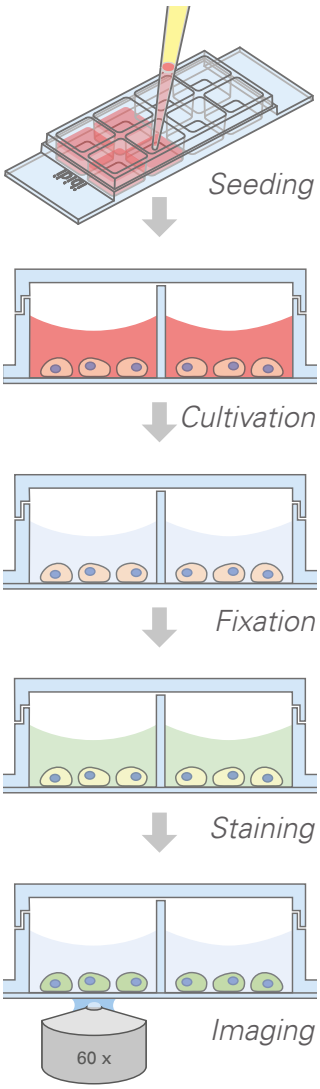
- Up to 18 non-removable wells on a coverslip bottom
- Versatile use for different cell culture applications
- Different coatings available

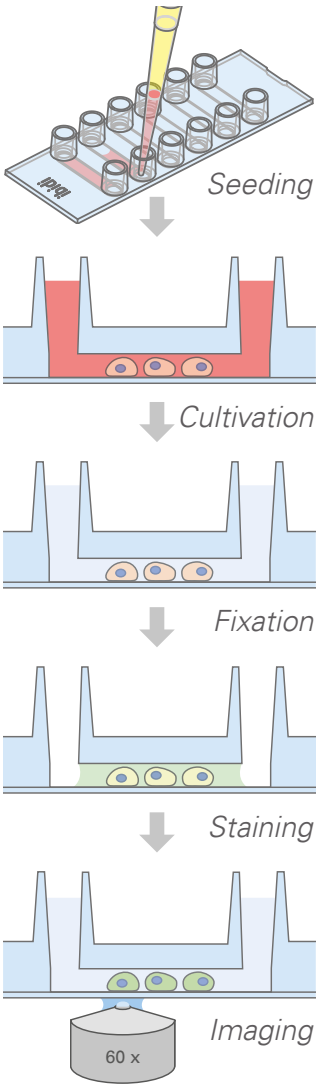
Channel Slides

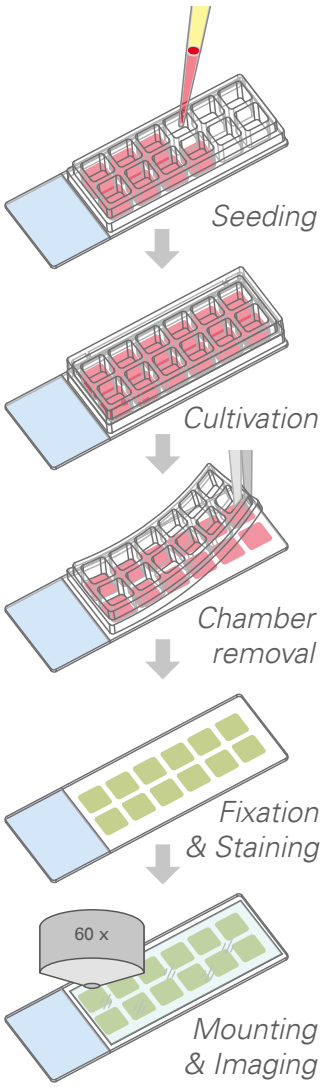
- Six parallel channels on a coverslip bottom
- Homogeneous cell and antibody distribution and small medium amounts
- Different channel heights and coatings available

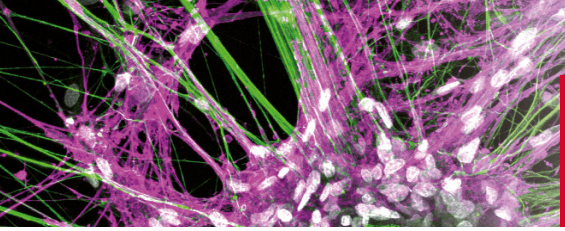
Chamber Slides

- Removable silicone chambers on a standard glass slide
- Ideal for long-term storage
- Suitable for high-throughput screening









Immunofluorescence Has Never Been This Easy

ibidi provides several solutions that fit your needs for immuno-fluorescence assays:

Find many more varieties on the ibidi website.	Chambered Coverslips µ-Slide 2 | 4 | 8 | 18 Well	Channel Slides µ-Slide VI$^{0.4}$ | µ-Slide I Luer	Chamber Slides, removable 3 | 8 | 12 Well Chamber
Bottom material	Glass Coverslip or Polymer Coverslip	Glass Coverslip or Polymer Coverslip	Standard glass slide
Microscope type	Inverted	Inverted	Inverted & upright
Mounting medium	Non-hardening	Non-hardening	Hardening
Sample storage	Short-term	Short-term	Long-term

Support Your IF Assay With the Ready-to-Use ibidi Mounting Medium

- Available with and without DAPI
- Non-hardening—facilitiates the mounting of samples in channel slides
- Very low autofluorescence and prevention of photobleaching
- Allows sample storage for weeks without additional coverslips

Need a Detailed Guide?

Find more detailed information in our Application Guide.

Get Your Free Samples at: ibidi.com/free-samples

Front Page Image Information:

Top: *Laser scanning microscopy of RDRGN and Schwann cells in a µ-Slide 8 Well, stained for neurofilament (green), NGFR (magenta), and DAPI (white). T. Weiss, Division of Plastic and Reconstructive Surgery, Medical University of Vienna, Austria.*

Left: *Trabecular meshwork cells of the human eye in the ibidi 8 Well Chamber, removable, stained for F-actin filaments (green) and DAPI (blue). Samantha Shan, School of Optometry, The Hong Kong Polytechnic University.*

Middle: *Epi-fluorescence of pMBMECs in the 12 Well Chamber, removable, stained for endothelial cell junctions (ZO-1, red) and DAPI (blue). S. Aydin, B. Engelhardt, R. Lyck, Theodor Kocher Institute, Bern, Switzerland.*

Right: *Widefield fluorescence of MDCK cells in the µ-Slide VI$^{0.4}$, stained for F-actin (green), mitochondria (red), and DAPI (blue). Data by ibidi R&D.*

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