

APPLICATIONS

Broad Sample Compatibility



Cell

- Fixed cells



Tissue

Cryosections from

- FFPE
- Fresh frozen
- Fixed frozen



Sample Agnostic

- No antibody panels
- No molecular modifications
- Native cell or tissue environment

Resolution Without Compromise



Synclight-Rich™

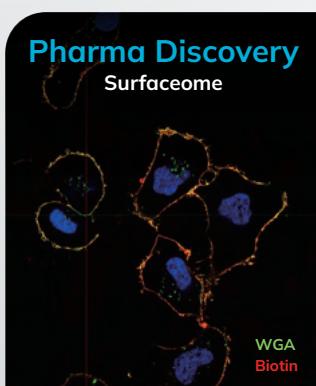
- 350 nm precision for broad, unbiased discovery
- High sensitivity optimized for organelles, cell populations, and tissue compartments
- Ideal for exploratory studies and comparative profiling



Synclight-Pure™

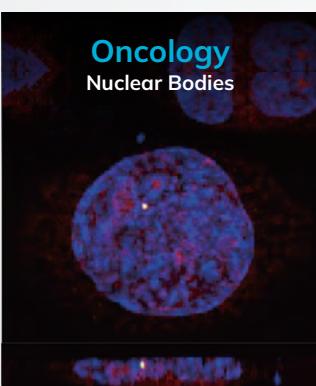
- 25 nm labeling precision for subcellular structures and high-precision ROI definition
- Optimized for studying direct and indirect interacting proteins
- Designed for pharma discovery, trafficking, and mechanistic studies

Where Microscoop Accelerates Discovery



Pharma Discovery

Surfaceome



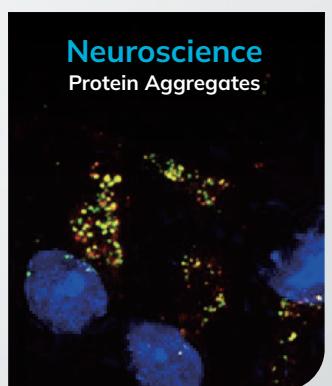
Oncology

Nuclear Bodies



Cell Biology

Primary Cilia



Neuroscience

Protein Aggregates



Applicable Cellular Patterns

- Condensates
- Protein Aggregates
- Nuclear Bodies
- Organelles
- Organelle Contact Sites

- Whole Cells
- Cell Membranes
- Cell-Cell Contact Sites
- Interactome
- Sub-Organelle Regions