

# Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

## Zeiss: Lightsheet Z.1 Fluorescence Microscope

RRID:SCR\_020919

Type: Tool

### Proper Citation

Zeiss: Lightsheet Z.1 Fluorescence Microscope (RRID:SCR\_020919)

### Resource Information

**URL:** [https://neuroscience-a2.sites.medinfo.ufl.edu/wordpress/files/2023/11/EN\\_product-info\\_Lightsheet-Z.1\\_rel-2.3.pdf](https://neuroscience-a2.sites.medinfo.ufl.edu/wordpress/files/2023/11/EN_product-info_Lightsheet-Z.1_rel-2.3.pdf)

**Proper Citation:** Zeiss: Lightsheet Z.1 Fluorescence Microscope (RRID:SCR\_020919)

**Description:** Light sheet fluorescence microscope for the imaging of large cleared specimens. Lightsheet Z.1 with Clr Plan-Apochromat 20x/1.0 Corr nd=1.38 is used to perform experiments with tissue cleared by Scale medium (Hama et al, Nat Neurosci. 2011), which has a refractive index of n=1.38.

**Synonyms:** Zeiss Lightsheet Z.1

**Resource Type:** instrument resource

**Keywords:** Zeiss, Fluorescence Microscope, Inverted Upright Microscope, Instrument Equipment, USEDit

**Specification URL:** [https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR\\_020919.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_020919.pdf)

**Resource Name:** Zeiss: Lightsheet Z.1 Fluorescence Microscope

**Resource ID:** SCR\_020919

**Alternate IDs:** Model\_Number\_Zeiss\_Lightsheet\_Z.1

**Old URLs:** <https://www.zeiss.com/microscopy/us/products/imaging-systems/lightsheet-z-1.html>

**Record Creation Time:** 20220129T080352+0000

**Record Last Update:** 20260912T195948+0000

### Ratings and Alerts

No rating or validation information has been found for Zeiss: Lightsheet Z.1 Fluorescence Microscope.

No alerts have been found for Zeiss: Lightsheet Z.1 Fluorescence Microscope.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Zhou S, et al. (2026) Vascular normalization by erianin unleashes CAR-T immunotherapy in glioblastoma. *Angiogenesis*, 29(2), 18.

Dominguez MH, et al. (2025) 4D light sheet imaging, computational reconstruction, and cell tracking in mouse embryos. *STAR protocols*, 6(1), 103515.

Martinez-Alarcon O, et al. (2025) Prolactin drives cortical neuron maturation and dendritic development during murine embryonic stem cell differentiation. *Frontiers in cell and developmental biology*, 13, 1551090.

Sakurai J, et al. (2024) Effects of blastocyst elongation and implantation chamber formation on the alignment of the embryonic axis and uterine axis in mice. *Frontiers in cell and developmental biology*, 12, 1421222.

Lu F, et al. (2023) Pharmacological Ischemic Conditioning with Roxadustat Does Not Affect Pain-Like Behaviors but Mitigates Sudomotor Impairment in a Murine Model of Deep Hind Paw Incision. *Journal of pain research*, 16, 573.