

# Resource Summary Report

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## Leica: TCS SP8 DLS LightSheet microscope

RRID:SCR\_024563

Type: Tool

### Proper Citation

Leica: TCS SP8 DLS LightSheet microscope (RRID:SCR\_024563)

### Resource Information

**URL:** <https://www.leica-microsystems.com/products/confocal-microscopes/p/leica-tcs-sp8-dls/>

**Proper Citation:** Leica: TCS SP8 DLS LightSheet microscope (RRID:SCR\_024563)

**Description:** Digital LightSheet full confocal with gentle single plane illumination microscope for easy light sheet imaging. TwinFlect mirror deflects illuminating light sheet at 90° angle, which allows integration of illumination and detection beam path into vertical axis of every inverted, Leica TCS SP8 confocal.

**Synonyms:** Leica DLS TCS SP8

**Resource Type:** instrument resource

**Keywords:** Leica, Digital LightSheet, full confocal microscope, light sheet imaging,

**Availability:** Restricted

**Specification URL:** [https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR\\_024563.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_024563.pdf)

**Resource Name:** Leica: TCS SP8 DLS LightSheet microscope

**Resource ID:** SCR\_024563

**Record Creation Time:** 20231014T050232+0000

**Record Last Update:** 20260801T190828+0000

### Ratings and Alerts

No rating or validation information has been found for Leica: TCS SP8 DLS LightSheet microscope.

No alerts have been found for Leica: TCS SP8 DLS LightSheet microscope.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#).

Huang M, et al. (2026) KRT81 promotes metastasis of colorectal cancer by acting as a protein scaffold for ezrin. *Oncogene*, 45(3), 459.

Bleve A, et al. (2025) ROR $\gamma$  Bridges Cancer-Driven Lipid Dysmetabolism and Myeloid Immunosuppression. *Cancer discovery*, 15(7), 1505.

Lourenço MR, et al. (2025) Postnatal Zika virus infection increases seizure susceptibility and disrupts cortical organization and GABAergic interneuron positioning in mice. *Neuroscience*, 585, 125.

Zeng T, et al. (2025) ANXA1 binds and stabilizes EGFR to promote nasopharyngeal carcinoma radioresistance. *Molecular cancer therapeutics*.

Tang J, et al. (2025) CD44 identified as a diagnostic biomarker for highly malignant CA19-9 negative pancreatic cancer. *Cancer letters*, 622, 217713.

Brock K, et al. (2024) A comparative analysis of paxillin and Hic-5 proximity interactomes. *Cytoskeleton* (Hoboken, N.J.).

Midorikawa M, et al. (2024) Developmental refinement of the active zone nanotopography and axon wiring at the somatosensory thalamus. *Cell reports*, 43(10), 114770.