

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

Resource Name: Leica: TCS SP8 DLS LightSheet microscope

Resource ID: SCR_024563

Record Creation Time: 20231014T050232+0000

Record Last Update: 20260815T182754+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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

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

Gatti P, et al. (2026) Extracellular matrix signals promote actin-dependent mitochondrial elongation and activity. *iScience*, 29(3), 115171.

Bleve A, et al. (2025) ROR γ 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.

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

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

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

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

Maderna C, et al. (2022) Histological quantification of cerebral cavernous malformations in the murine brain. *STAR protocols*, 3(2), 101448.