

Resource Summary Report

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Zeiss: LSM 780 Confocal Laser Scanning Microscope

RRID:SCR_020922

Type: Tool

Proper Citation

Zeiss: LSM 780 Confocal Laser Scanning Microscope (RRID:SCR_020922)

Resource Information

URL: https://www.zmbh.uni-heidelberg.de/Central_Services/Imaging_Facility/info/780ZEN2010.pdf

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Description: Laser Scanning Microscopes (LSM) for high resolution imaging of biological or material samples. The compact scanning module can be fitted to an inverted (Axio Observer.Z1 RP or SP) or upright (Axio Imager.Z2, Axio Imager.M2 or Axio Examiner) microscope.

Resource Type: instrument resource

Keywords: Zeiss, Confocal Laser Scanning Microscope, Instrument Equipment, USEDit

Availability: Commercially available

Resource Name: Zeiss: LSM 780 Confocal Laser Scanning Microscope

Resource ID: SCR_020922

Alternate IDs: Model_Number_LSM 780

Record Creation Time: 20220129T080352+0000

Record Last Update: 20260919T195446+0000

Ratings and Alerts

No rating or validation information has been found for Zeiss: LSM 780 Confocal Laser Scanning Microscope.

No alerts have been found for Zeiss: LSM 780 Confocal Laser Scanning Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Hao Z, et al. (2026) Hypoxia-induced Schwann cells-derived extracellular vesicles carrying LncRNA TNXA-PS1 promote recovery post sciatic nerve injury. *Communications biology*, 9(1).

Maniar J, et al. (2026) Microenvironmental Cues That Regulate Cancer Cell Dormancy in Estrogen-Receptor Positive and Triple-Negative Breast Cancer Cell Lines. *Cancer medicine*, 15(7), e72059.

Lichtenstein HD, et al. (2026) A Common Iba1 Antibody Labels Vasopressin Neurons in Mice. *eNeuro*, 13(2).

Fahmy AM, et al. (2026) STING dampens the unfolded protein response to enable the presentation of self-antigens on MHC-I during inflammation. *Cell reports*, 45(6), 117497.

Eme-Scolan E, et al. (2026) Remodeling of skull bone channels regulates immune infiltration into the meninges during neuroinflammation. *Immunity*, 59(1), 116.

Herget U, et al. (2026) Pth4 neurons define a novel hypothalamic circuit that promotes sleep via brainstem monoaminergic neurons. *Current biology : CB*, 36(1), 161.

??zen I, et al. (2025) Traumatic brain injury causes early aggregation of beta-amyloid peptides and NOTCH3 reduction in vascular smooth muscle cells of leptomenigeal arteries. *Acta neuropathologica*, 149(1), 10.

Lichtenstein HD, et al. (2025) A common Iba1 antibody labels vasopressin neurons in mice. *bioRxiv : the preprint server for biology*.

Clarke D, et al. (2025) A vascular-associated fibroblastic cell controls pancreatic islet immunity. *Cell reports*, 44(9), 116189.

Urban MW, et al. (2024) EphrinB2 knockdown in cervical spinal cord preserves diaphragm innervation in a mutant SOD1 mouse model of ALS. *eLife*, 12.

Garcia DA, et al. (2024) Modeling the acute mucosal toxicity to fractionated radiotherapy combined with the ATM inhibitor WSD0628. *Molecular cancer therapeutics*.

Xing X, et al. (2023) Integrated omics landscape of hepatocellular carcinoma suggests proteomic subtypes for precision therapy. *Cell reports. Medicine*, 4(12), 101315.

Finburgh EN, et al. (2023) Role of FGF10/FGFR2b Signaling in Homeostasis and Regeneration of Adult Lacrimal Gland and Corneal Epithelium Proliferation. *Investigative ophthalmology & visual science*, 64(1), 21.

Xue CY, et al. (2023) Hippocampus Insulin Receptors Regulate Episodic and Spatial Memory Through Excitatory/Inhibitory Balance. *ASN neuro*, 15, 17590914231206657.

Vidak S, et al. (2023) Activation of endoplasmic reticulum stress in premature aging via the inner nuclear membrane protein SUN2. *Cell reports*, 42(5), 112534.

Ju SH, et al. (2022) Melanocortin-4 receptors activate sympathetic preganglionic neurons and elevate blood pressure via TRPV1. *Cell reports*, 41(5), 111579.

Sitaraman S, et al. (2021) Gjd2b-mediated gap junctions promote glutamatergic synapse formation and dendritic elaboration in Purkinje neurons. *eLife*, 10.