

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

Olympus: IX83 Automated Fluorescence Microscope

RRID:SCR_020344

Type: Tool

Proper Citation

Olympus: IX83 Automated Fluorescence Microscope (RRID:SCR_020344)

Resource Information

URL: <https://www.olympus-lifescience.com/en/microscopes/inverted/ix83/>

Proper Citation: Olympus: IX83 Automated Fluorescence Microscope (RRID:SCR_020344)

Description: The Olympus IX83 inverted microscope has been integrated into our IXplore systems. IXplore Systems are designed to provide solutions-based packages that suit your research application needs.

Resource Type: instrument resource

Keywords: Olympus, Automated Fluorescence Microscope, Instrument Equipment, USEDit

Availability: Commercially available

Resource Name: Olympus: IX83 Automated Fluorescence Microscope

Resource ID: SCR_020344

Alternate IDs: Model_Number_IX83

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260725T190927+0000

Ratings and Alerts

No rating or validation information has been found for Olympus: IX83 Automated Fluorescence Microscope.

No alerts have been found for Olympus: IX83 Automated Fluorescence Microscope.

Data and Source Information

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Markusson S, et al. (2025) Nanobodies against the myelin enzyme CNPase as tools for structural and functional studies. *Journal of neurochemistry*, 169(1), e16274.

Le Pelletier L, et al. (2025) C-C chemokine ligand 5 from women subcutaneous adipose tissue has a central role in vascular aging. *Cardiovascular diabetology*, 24(1), 295.

Zuccoli E, et al. (2025) Reproducibility of PD patient-specific midbrain organoid data for in vitro disease modeling. *iScience*, 28(10), 113541.

Barmppa K, et al. (2024) Modeling early phenotypes of Parkinson's disease by age-induced midbrain-striatum assembloids. *Communications biology*, 7(1), 1561.

Mykins M, et al. (2023) Wild-type MECP2 expression coincides with age-dependent sensory phenotypes in a female mouse model for Rett syndrome. *Journal of neuroscience research*, 101(8), 1236.

Valenti M, et al. (2023) Human gasdermin D and MLKL disrupt mitochondria, endocytic traffic and TORC1 signalling in budding yeast. *Open biology*, 13(5), 220366.

Ghilarducci K, et al. (2022) Membrane Targeting and GTPase Activity of Rab7 Are Required for Its Ubiquitination by RNF167. *International journal of molecular sciences*, 23(14).