

Resource Summary Report

Generated by PRECISE-TBI on Aug 2, 2026

Keyence: BZ-X800 Fluorescent Microscope

RRID:SCR_023617

Type: Tool

Proper Citation

Keyence: BZ-X800 Fluorescent Microscope (RRID:SCR_023617)

Resource Information

URL: https://www.keyence.com/ss/products/microscope/bz-x800_research/

Proper Citation: Keyence: BZ-X800 Fluorescent Microscope (RRID:SCR_023617)

Description: Automated high-resolution microscope for Life Science research. Provided with BZ-X800 Analyzer software. You can purchase different applications for the BZ-X800 analysis software to perform specific analyses, such as the BZ-H4C Hybrid Cell Count Application, which is used to count stained areas.

Synonyms: BZ-X800 Fluorescent Microscope

Resource Type: instrument resource

Keywords: Fluorescent microscope, automated microscope, instrument, equipment, USEdit

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_023617.pdf

Resource Name: Keyence: BZ-X800 Fluorescent Microscope

Resource ID: SCR_023617

Alternate IDs: Model_Number_BZ-X800

Alternate URLs: https://www.keyence.com/landing/microscope/lp_fluorescence.jsp,

Record Creation Time: 20230527T050216+0000

Record Last Update: 20260801T190821+0000

Ratings and Alerts

No rating or validation information has been found for Keyence: BZ-X800 Fluorescent Microscope.

No alerts have been found for Keyence: BZ-X800 Fluorescent Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Salido E, et al. (2025) The 9p21.3 Coronary Artery Disease Risk Locus Drives Vascular Smooth Muscle Cells to an Osteochondrogenic State. *Arteriosclerosis, thrombosis, and vascular biology*, 45(5), 702.

Wannakul T, et al. (2025) Loss of fatty acid-binding protein 7 promotes B16F10 melanoma metastasis. *Scientific reports*, 15(1), 10495.

Zou M, et al. (2025) Txnip deficiency causes a susceptibility to acute cold stress with brown fat dysfunction in mice. *The Journal of biological chemistry*, 301(3), 108293.

Koiso R, et al. (2025) Emergence of the sex difference in calbindin D-28K neurons and the role of calbindin D-28K in clustering neurons of the preoptic area in mice. *Cell and tissue research*, 401(2), 117.

Mangutov E, et al. (2025) Activation of μ -opioid receptors blocks allodynia in a model of headache induced by PACAP. *British journal of pharmacology*, 182(7), 1630.

Rojas-Chaverra NM, et al. (2024) A cyclic peptide-grafted Fc with hepatocyte growth factor functionality ameliorates hepatic fibrosis in a non-alcoholic steatohepatitis mouse model. *iScience*, 27(8), 110426.

DeTemple VK, et al. (2024) Anti-tumor effects of tirbanibulin in squamous cell carcinoma cells are mediated via disruption of tubulin-polymerization. *Archives of dermatological research*, 316(7), 341.

Chilton PM, et al. (2024) Age-associated temporal decline in butyrate-producing bacteria plays a key pathogenic role in the onset and progression of neuropathology and memory deficits in 3 $\times$ Tg-AD mice. *Gut microbes*, 16(1), 2389319.

Diep CH, et al. (2024) Progesterone Receptor Signaling Promotes Cancer Associated Fibroblast Mediated Tumorigenicity in ER+ Breast Cancer. *Endocrinology*, 165(9).

Bun M, et al. (2024) G-CSF induces neutrophil extracellular traps formation and promotes ovarian cancer peritoneal dissemination. *Journal of leukocyte biology*, 116(5), 1157.

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

Urai S, et al. (2023) Paraneoplastic isolated adrenocorticotrophic hormone deficiency revealed after immune checkpoint inhibitors therapy: new insights into anti-corticotroph antibody. *Frontiers in immunology*, 14, 1284301.