

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

MLH-1

RRID:AB_2297859

Type: Antibody

Proper Citation

BD Biosciences Cat# 550838, RRID:AB_2297859

Antibody Information

URL: http://antibodyregistry.org/AB_2297859

Proper Citation: BD Biosciences Cat# 550838, RRID:AB_2297859

Target Antigen: MLH-1

Host Organism: mouse

Clonality: monoclonal

Comments: Immunohistochemistry-frozen, Immunohistochemistry-paraffin

Antibody Name: MLH-1

Description: This monoclonal targets MLH-1

Target Organism: human

Antibody ID: AB_2297859

Vendor: BD Biosciences

Catalog Number: 550838

Record Creation Time: 20250819T210336+0000

Record Last Update: 20250819T214244+0000

Ratings and Alerts

No rating or validation information has been found for MLH-1.

No alerts have been found for MLH-1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Yu X, et al. (2025) UBE2J2 is essential for the progression of meiosis prophase I during spermatogenesis in mice. *iScience*, 28(8), 112878.

Park J, et al. (2025) Prognostic implications of HER2 in ovarian cancer: Associations with homologous recombination deficiency and folate receptor alpha expression. *Gynecologic oncology*, 203, 151.

Shao Q, et al. (2023) ATF7IP2, a meiosis-specific partner of SETDB1, is required for proper chromosome remodeling and crossover formation during spermatogenesis. *Cell reports*, 42(8), 112953.

Pereira C, et al. (2022) Multiple 9-1-1 complexes promote homolog synapsis, DSB repair, and ATR signaling during mammalian meiosis. *eLife*, 11.

Du M, et al. (2021) PPP2R1B is modulated by ubiquitination and is essential for spermatogenesis. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(5), e21564.

Guan J, et al. (2021) MLH1 Deficiency-Triggered DNA Hyperexcision by Exonuclease 1 Activates the cGAS-STING Pathway. *Cancer cell*, 39(1), 109.

Lu C, et al. (2021) DNA Sensing in Mismatch Repair-Deficient Tumor Cells Is Essential for Anti-tumor Immunity. *Cancer cell*, 39(1), 96.

Gray S, et al. (2020) Cyclin N-Terminal Domain-Containing-1 Coordinates Meiotic Crossover Formation with Cell-Cycle Progression in a Cyclin-Independent Manner. *Cell reports*, 32(1), 107858.

Shang Y, et al. (2020) MEIOK21: a new component of meiotic recombination bridges required for spermatogenesis. *Nucleic acids research*, 48(12), 6624.

Horan TS, et al. (2018) Replacement Bisphenols Adversely Affect Mouse Gametogenesis with Consequences for Subsequent Generations. *Current biology : CB*, 28(18), 2948.

Zhou L, et al. (2017) BTBD18 Regulates a Subset of piRNA-Generating Loci through Transcription Elongation in Mice. *Developmental cell*, 40(5), 453.