

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 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: MLH1

Host Organism: mouse

Clonality: monoclonal

Comments: Immunohistochemistry-formalin (antigen retrieval required), Western blot

Antibody Name: MLH-1

Description: This monoclonal targets MLH1

Target Organism: human

Clone ID: G168-15

Antibody ID: AB_2297859

Vendor: BD Biosciences

Catalog Number: 550838

Record Creation Time: 20250819T234508+0000

Record Last Update: 20250820T061810+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.