

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

MFC

RRID:CVCL_5J48

Type: Cell Line

Proper Citation

CLS Cat# 300652, RRID:CVCL_5J48

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5J48

Proper Citation: CLS Cat# 300652, RRID:CVCL_5J48

Description: Cell line MFC is a Cancer cell line with a species of origin Mus musculus (Mouse)

Disease: Mouse gastric carcinoma

Defining Citation: [PMID:3678016](#)

Category: Cancer cell line

Organism: Mus musculus (Mouse)

Name: MFC

Synonyms: Mouse Forestomach Carcinoma

Cross References: CCRID:1101MOU-PUMC000143, CLS:300652, Hysigen:TCM-C744, KCB:KCB 92020YJ, Wikidata:Q54905375

ID: CVCL_5J48

Vendor: CLS

Catalog Number: 300652

Record Creation Time: 20250130T072126+0000

Record Last Update: 20260830T001647+0000

Ratings and Alerts

No rating or validation information has been found for MFC.

No alerts have been found for MFC.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Liu W, et al. (2026) SEVs-carried ENPP1 regulates DCs' activation and inhibits the formation of tertiary lymphoid structures in gastric cancer. *Journal of gastroenterology*.

Li M, et al. (2026) SAICAR Drives T Regulatory Cell Differentiation and FOXP3 Maintenance to Promote Immunotherapy Resistance. *Cancer research*, 86(9), 2218.

Zhu J, et al. (2026) XOR-mediated tumor-selective nanomaterial therapy: achieving tumor and immune cell dual regulation through intracellular ROS generation. *Journal of nanobiotechnology*, 24(1).

Liu W, et al. (2026) DEK recruits KAT6A regulate H3K27ac/c-myc axis to drive enhanced glycolysis and immune escape in gastric cancer. *Free radical biology & medicine*, 255, 35.

Wei D, et al. (2026) OSMR coordinates a self-perpetuating circuit linking chemoresistance and neutrophil-driven immunosuppression in gastric cancer. *Neoplasia (New York, N.Y.)*, 73, 101279.

Zhao C, et al. (2026) Ubenimex synergizes with the PD-L1 blockade in gastric cancer by competitively binding LAP3 with UBE3A. *Cell death & disease*, 17(1).

Cui X, et al. (2026) KYNU in Gastric Cancer Cells Promotes Tumor Progression by Influencing Macrophage Polarization Via PF4. *Cancer science*.

Jiang X, et al. (2025) CCL26-CX3CR1 Axis Mediates a Feedback Loop between Cancer Cell and PMN-MDSCs to Promote CD8+ T Cell Exhaustion during Stomach Carcinogenesis. *Research (Washington, D.C.)*, 8, 1002.

Huang Z, et al. (2025) An LCN2-Dependent Positive-Feedback Loop Between Gastric Cancer Cells and Tumor-Associated-Macrophages Mediates Lymphangiogenesis and Lymphatic Metastasis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e08352.

Wu CY, et al. (2025) Glucose restriction shapes pre-metastatic innate immune landscapes in the lung through exosomal TRAIL. *Cell*.

Zhang T, et al. (2025) Intratumoral *Fusobacterium nucleatum* Recruits Tumor-Associated Neutrophils to Promote Gastric Cancer Progression and Immune Evasion. *Cancer research*, 85(10), 1819.

Zhang R, et al. (2024) Inhibition of glycolysis enhances the efficacy of immunotherapy via PDK-mediated upregulation of PD-L1. *Cancer immunology, immunotherapy : CII*, 73(8), 151.

Jiang Y, et al. (2024) Nicotinamide metabolism face-off between macrophages and fibroblasts manipulates the microenvironment in gastric cancer. *Cell metabolism*, 36(8), 1806.

Wang J, et al. (2023) *Helicobacter pylori* CagA promotes immune evasion of gastric cancer by upregulating PD-L1 level in exosomes. *iScience*, 26(12), 108414.

Luo Q, et al. (2023) Apatinib remodels the immunosuppressive tumor ecosystem of gastric cancer enhancing anti-PD-1 immunotherapy. *Cell reports*, 42(5), 112437.

Shi C, et al. (2022) Promoting anti-tumor immunity by targeting TMUB1 to modulate PD-L1 polyubiquitination and glycosylation. *Nature communications*, 13(1), 6951.

Hu J, et al. (2021) α -adrenergic receptor inhibition enhances oncolytic herpes virus propagation through STAT3 activation in gastric cancer. *Cell & bioscience*, 11(1), 174.