

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

MH7A

RRID:CVCL_0427

Type: Cell Line

Proper Citation

RCB Cat# RCB1512, RRID:CVCL_0427

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0427

Proper Citation: RCB Cat# RCB1512, RRID:CVCL_0427

Description: Cell line MH7A is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:9832620](#), [PMID:20697895](#)

Comments: Characteristics: Resveratrol induces apoptosis in MH7A cells (PubMed=20697895)., Population: Japanese.

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: MH7A

Cross References: BTO:BTO_0003437, CLO:CLO_0050142, MCCL:MCC:0000324, BioSample:SAMN03472146, RCB:RCB1512, Wikidata:Q54905531

ID: CVCL_0427

Vendor: RCB

Catalog Number: RCB1512

Record Creation Time: 20250130T072127+0000

Record Last Update: 20260905T184057+0000

Ratings and Alerts

No rating or validation information has been found for MH7A.

No alerts have been found for MH7A.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 114 mentions in open access literature.

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

Ma Y, et al. (2026) IL-6 receptor blockade impedes proinflammatory atypical Treg subset associated with immune checkpoint inhibitor-induced inflammatory arthritis. The Journal of clinical investigation, 136(13).

Yang H, et al. (2025) Antimigratory, Anti-Invasive and Anti-Inflammatory Effects of Bergenin in Rheumatoid Arthritis by Downregulating the Wnt/ β -Catenin Pathway. International journal of rheumatic diseases, 28(7), e70360.

Li M, et al. (2025) Injectable microenvironment-responsive hydrogels encapsulating engineered NF- κ B-targeting circular RNA for osteoarthritis therapy. Journal of controlled release : official journal of the Controlled Release Society, 385, 114039.

Liu F, et al. (2023) Simultaneous quantitative analysis and in vitro anti-arthritic effects of five polyphenols from Terminalia chebula. Frontiers in physiology, 14, 1138947.

Chang JW, et al. (2023) Nesfatin-1 Stimulates CCL2-dependent Monocyte Migration And M1 Macrophage Polarization: Implications For Rheumatoid Arthritis Therapy. International journal of biological sciences, 19(1), 281.

Park J, et al. (2023) Fermented Lettuce Extract Containing Nitric Oxide Metabolites Attenuates Inflammatory Parameters in Model Mice and in Human Fibroblast-Like Synoviocytes. Nutrients, 15(5).

Jeong M, et al. (2023) DHA Induces Cell Death through the Production of ROS and the Upregulation of CHOP in Fibroblast-like Synovial Cells from Human Rheumatoid Arthritis Patients. International journal of molecular sciences, 24(2).

Bao X, et al. (2023) Akuammiline alkaloid derivatives: divergent synthesis and effect on the proliferation of rheumatoid arthritis fibroblast-like synoviocytes. Frontiers in chemistry, 11, 1179948.

Deng H, et al. (2023) Network pharmacology and experimental validation to identify the potential mechanism of Hedyotis diffusa Willd against rheumatoid arthritis. Scientific reports, 13(1), 1425.

Zhao P, et al. (2023) Circ_0000479 promotes proliferation, invasion, migration and inflammation and inhibits apoptosis of rheumatoid arthritis fibroblast-like synoviocytes via miR-766/FKBP5 axis. *Journal of orthopaedic surgery and research*, 18(1), 220.

Hui P, et al. (2023) The elucidation of the anti-inflammatory mechanism of EMO in rheumatoid arthritis through an integrative approach combining bioinformatics and experimental verification. *Frontiers in pharmacology*, 14, 1195567.

Watanabe H, et al. (2023) Expression of factor XIII originating from synovial fibroblasts and macrophages induced by interleukin-6 signaling. *Inflammation and regeneration*, 43(1), 2.

Lu JZ, et al. (2023) Circ_0002984 promotes proliferation, migration and inflammatory cytokine secretion and inhibits apoptosis of rheumatoid arthritis fibroblast-like synoviocytes by inducing PCSK6 through miR-543. *Journal of orthopaedic surgery and research*, 18(1), 335.

Wang Z, et al. (2023) Structural characterization and anti-inflammatory activity of a novel polysaccharide PKP2-1 from *Polygonatum kingianum*. *Frontiers in nutrition*, 10, 1156798.

Wu Y, et al. (2023) Differentiated embryonic chondrocyte expressed gene-1 is a central signaling component in the development of collagen-induced rheumatoid arthritis. *The Journal of biological chemistry*, 299(3), 102982.

Gao Y, et al. (2023) Effect of a combination of *Atractylodes macrocephala* extract with strychnine on the TLR4/NF- κ B/NLRP3 pathway in MH7A cells. *Experimental and therapeutic medicine*, 25(2), 91.

Xu Y, et al. (2023) Circular RNA CircCDKN2B-AS_006 Promotes the Tumor-like Growth and Metastasis of Rheumatoid Arthritis Synovial Fibroblasts by Targeting the miR-1258/RUNX1 Axis. *International journal of molecular sciences*, 24(6).

Lin X, et al. (2023) Osthole regulates N6-methyladenosine-modified TGM2 to inhibit the progression of rheumatoid arthritis and associated interstitial lung disease. *MedComm*, 4(2), e219.

Huang D, et al. (2022) KLF9 positively regulates TRIM33 to inhibit abnormal synovial fibroblast proliferation, migration as well as inflammation in rheumatoid arthritis. *Immunity, inflammation and disease*, 10(11), e696.

Wu LF, et al. (2022) Identification of novel rheumatoid arthritis-associated MiRNA-204-5p from plasma exosomes. *Experimental & molecular medicine*, 54(3), 334.