

Resource Summary Report

Generated by [RRID](#) on Sep 9, 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 [RRID](#).

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.

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.

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.

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.