Resource Summary Report

Generated by RRID on Sep 2, 2026

HMC-1.2

RRID:CVCL_H205
Type: Cell Line

Proper Citation

RRID:CVCL_H205

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_H205

Proper Citation: RRID:CVCL_H205

Description: Cell line HMC-1.2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Mast cell leukemia

Defining Citation: PMID:11861291, PMID:12519307, PMID:20814942, PMID:25149487, PMID:37025992

Comments: Characteristics: Compound 48/80 which is used to promote mast cell degranulation is toxic to this cell line (DOI=10.57844/arcadia-3207-4695).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HMC-1.2

Synonyms: HMC-1_2, HMC1_2, HMC1.2, HMC-1(560,816), HMC-1-560_816

Cross References: cancercelllines:CVCL_H205, Cosmic:819945, Cosmic:1476310, Cosmic:1476422, Cosmic:1498492, GEO:GSM6674137, GEO:GSM6674138, GEO:GSM6674139, Millipore:SCC062, Wikidata:Q54889910

ID: CVCL_H205

Hierarchy: cvcl_0003

Record Creation Time: 20220427T220436+0000

Record Last Update: 20260829T233907+0000

Ratings and Alerts

No rating or validation information has been found for HMC-1.2.

No alerts have been found for HMC-1.2.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Leipe A, et al. (2026) Pharmacological modulation of TRPV2 enhances migration and induces Immunoglobulin E (IgE)-independent degranulation of mast cells. Cell calcium, 136, 103166.

Grootens J, et al. (2019) Single-cell analysis reveals the KIT D816V mutation in haematopoietic stem and progenitor cells in systemic mastocytosis. EBioMedicine, 43, 150.

Smith BD, et al. (2019) Ripretinib (DCC-2618) Is a Switch Control Kinase Inhibitor of a Broad Spectrum of Oncogenic and Drug-Resistant KIT and PDGFRA Variants. Cancer cell, 35(5), 738.