

Product sheet

MOLM-13 | 305393

General Information

Description	MOLM-13 is a human acute myeloid leukemia (AML) cell line derived from a patient with acute myeloid leukemia. It is characterized by the presence of CD33 and CD13 markers.
Organism	Human
Tissue	Leukemia
Disease	Acute Myeloid Leukemia (AML)
Synonyms	MOLM13, Molm13, Molm 13

Cell Culture

Age	20 days
Gender	Male
Ethnicity	White
Morphology	Leukemia cells
Growth properties	Leukemia cells

Characterization

Citation	MOLM-13 (ATCC CCL-222) Cytion 305393
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2119

Additional Information

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Antigen expression CD3 - CD4 + CD14 - CD15 + CD19 - CD33 + CD34 - cy CD68 + HLA-DR -

Mutational profile FLT3 KMT2A-MLLT3 MLL-MLLT3 MLL-AF9

Culture Medium

RPMI 1640 2.0 2.0 NaHCO3 (820700a)

Supplements 10% FBS

Seeding density 5-6 / 10

Fluid renewal 2-3

Freeze medium (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Dilute cells into pre-warmed culture medium.
 3. Seed cells into a 96-well plate at a density of 37 cells per well.
 4. Incubate cells in a humidified CO2 incubator at 37°C with 70% relative humidity.
 5. Monitor cell growth and morphology daily.
 6. Harvest cells at 300 x g for 3 minutes.
 7. Wash cells with PBS.
 8. Resuspend cells in PBS.

Incubation Atmosphere 37°C

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Flask Coating

Shipping Conditions

Storage Conditions

/ / **HLA**

Sterility