

Product sheet

**MOLM-13 | 305393**

**General Information**

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

**Cell Culture**

<b>Age</b>	20 days
<b>Gender</b>	Male
<b>Ethnicity</b>	Caucasian
<b>Morphology</b>	Leukemic cells
<b>Growth properties</b>	Adherent

**Characterization**

<b>Citation</b>	MOLM-13 (ATCC CCL-222) Cytion 305393
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	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

**Cell Line**

**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 pre-warmed culture medium.
  4. Incubate cells in a 37°C incubator with 70% humidity.
  5. Monitor cell growth and morphology.
  6. Perform a cell count and viability assay.
  7. Seed cells into a pre-warmed culture medium.
  8. Incubate cells in a 37°C incubator with 70% humidity.

**Incubation Atmosphere** 37°C

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**Flask Coating**   

**Shipping Conditions**   

**Storage Conditions**   

/  / **HLA**

**Sterility**