

MOLM-16 | 305831

General information

Description	MOLM-16 is a human acute myeloid leukemia (AML-M0) cell line. It is characterized by the presence of CD36, CD62P, CD110, CD151, and vWF. MOLM-16 is a myelomonocytic leukemia cell line, characterized by the presence of myelomonocytic markers (EPO), myelomonocytic markers (MPO), and myelomonocytic markers (AML-M0). MOLM-16 is a myelomonocytic leukemia cell line, characterized by the presence of myelomonocytic markers (EPO), myelomonocytic markers (MPO), and myelomonocytic markers (AML-M0).
Organism	Human
Tissue	Leukemia
Disease	Acute myeloid leukemia (AML-M0)
Synonyms	MOLM16

Cell characteristics

Age	77 years
Gender	Male
Ethnicity	White
Cell type	Myelomonocytic leukemia
Growth properties	Adherent

Cell line identification

Citation	MOLM-16 (Cytion 305831)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2120

Cell line availability

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Mutational profile

TP53, p.Val173Met (c.517G>A), (Cosmic-CLP=1330948), TP53, p.Cys238Ser (c.713G>C), CLP=1330948)

Culture Medium

RPMI 1640, w: 2.0 mM , w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements

10% FBS

Dissociation Reagent

Doubling time

50–80

Seeding density

1 x 10⁴ cells/cm²

Fluid renewal

2 x 3

Freeze medium

, 10% FBS) + 10% DMSO

Thawing and Culturing Cells

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

