

**XXXX MOLM-16 | 305831**

**XXXXX XXXXX**

**Description**

MOLM-16 XXXX XX XXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXXXXXXX XX XXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX (AML-M0) XXXX CD36, CD62P, CD110, CD151, XXXXXXXXXXXXXXXXXXXX, XXXXX XXX XXXXXXXX (vWF) XXXXXXXXXXXXXXXXXXXX XXXXXXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX

MOLM-16 XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXXXXXXXXXXX, XXXXX XXXXXXXXXXXXXXXXXXXX (EPO), XXXXX XXXXX XXXXXXX XXX XXXXXXXXXXXXXXXXXXXX/NK, XXXXX XXXXXXX XXXXXXXXXXXXXXXXXXXX (MPO), XXXXX XXXXX XX AML-M0. XXXXXXX XXXXXXX XXXXXXX XX XXXXXXX

**Organism** XXXX

**Tissue** XX XXXXXXX

**Disease** XXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXXXXXXXXX

**Synonyms** MOLM16

**XXXXXXXXXXXXX**

**Age** 77 XXXXX

**Gender** XXXXX

**Ethnicity** XXXXXXX

**Cell type** XXXXX XXXXXXX

**Growth properties** XXXXXXX

**XXXXXXXXXX XXXXXXXXXXXXXXXXXXXX**

**Citation** MOLM-16 (XXXX XXXXXXX Cytion 305831)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_2120

**XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXX**

Product sheet

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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 10<sup>4</sup> cells/ml

**Fluid renewal** 2 x 3

**Freeze medium** (FBS) + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells rapidly in a 37°C water bath, then transfer to a 37°C incubator with 5% CO2.
2. Allow cells to recover in the incubator for 24 hours before passaging.
3. Seed cells into a 96-well plate at a density of 1000 cells/well.
4. After 24 hours, replace the medium with fresh medium.
5. Harvest cells at 72 hours post-seeding.
6. Perform a cell count using a hemacytometer.
7. Calculate the doubling time based on the cell count.
8. Repeat the experiment for three independent replicates.

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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, **50% humidity**

**Shipping Conditions** **Store at -78°C**

**Storage Conditions** **Store at -150 to 196 °C**

**HLA**

**Sterility** **PCR**