

Product sheet

OCI-AML2 | 305609

Cell line: OCI-AML2 | 305609

Antigen expression	CD3- CD4+ CD13+ CD15+ CD19- CD33+ CD34- cyCD68+ HLA-DR+
Mutational profile	AFDN + HGNC7132 KMT2A (KMT2A-AFDN MLL-MLLT4 MLL-AF6).
Culture Medium	
Supplements	10% FBS
Doubling time	30
Seeding density	2×10^6
Fluid renewal	2-3
Freeze medium	(FBS) + 10% DMSO

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Thawing and
Culturing Cells

1. Remove the vial from liquid nitrogen storage and allow it to warm to room temperature.
2. Dilute the cell suspension into 10 ml of pre-warmed complete medium.
3. Transfer the cells into a T25 flask containing 10 ml of complete medium.
4. Incubate the cells at 37 °C in 5% CO₂ atmosphere.
5. Monitor cell growth and confluency.
6. Once cells reach 70-80% confluency, passage them into a new T25 flask.
7. Repeat the passage process every 3-4 days.
8. Maintain cells in complete medium.

Incubation
Atmosphere

37 °C, 5% CO₂

Shipping
Conditions

Cells are shipped in dry ice at -78 °C.

Storage
Conditions

Cells are stored in liquid nitrogen at -150 °C to -196 °C.

OCI-AML2 | 305609 | 305609 | 305609

Sterility

Cells are tested for mycoplasma contamination using PCR. Cells are also tested for sterility using a sterility test kit.