

OCI-LY1 | 305846

General information

Description	OCI-LY1 is a cell line derived from a patient with Diffuse Large B-cell Lymphoma (DLBCL). It is a cell line that is used for research purposes. OCI-LY1 is a cell line that is used for research purposes. OCI-LY1 is a cell line that is used for research purposes.
Organism	Human
Tissue	Cell culture
Disease	Diffuse Large B-cell Lymphoma
Synonyms	OCI-L 1, OCI-Ly1, OCI-L 1, OCI-Ly-1, Oci-Ly-1, OCI-Ly 1, OCI-Ly01, OCI Ly1, Ly1, L 1

Characteristics

Age	44 years
Gender	Male
Growth properties	Adherent

Identification and safety

Citation	OCI-LY1 (Cell Culture) Cytion 305846
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1879

Genetic and mutational profile

Mutational profile	
---------------------------	--

OCI-LY1 | 305846

Characteristics

Culture Medium IMDM 4.5 g/l, Glucose 4.5 g/l, Sodium Bicarbonate 2.5 g/l, HEPES 1.0 g/l

Supplements 10% FBS

Doubling time 50 hours

Seeding density 0.5 x 10⁶ cells/cm²

Fluid renewal 2-3 times per week

Post-Thaw Recovery Thaw cells in a water bath at 37°C. Wash cells with PBS. Resuspend cells in fresh medium.

Freeze medium 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a water bath at 37°C.
2. Wash cells with PBS.
3. Resuspend cells in fresh medium.
4. Seed cells into a T25 flask at a density of 0.5 x 10⁶ cells/cm².
5. Incubate cells at 37°C in 5% CO₂.
6. Monitor cell growth and confluency.
7. Harvest cells when the flask is 70-80% confluent.
8. Perform a cell count and passage the cells.

Incubation Atmosphere 37°C, 5% CO₂

