

BNL CL.2 | 305177

General information

Description	BNL CL.2, is a cell line derived from BALB/c, by spontaneous immortalization of mammary epithelial cells. CL.2 cells express CDK 4 and 6. BNL CL.2 cells are highly tumorigenic in syngeneic hosts, forming large, well-defined, nodules, which are highly invasive, and metastasize to distant organs.
Organism	Mouse
Tissue	Epithelial
Synonyms	BNL-CL.2, BNL CL2, BNL.CL2, BN-CL2, BNCL-2, BNCL2

Characteristics

Breed/Subspecies	BALB/c
Age	Adult
Morphology	Epithelial
Growth properties	Adherent

Identification and documentation

Citation	BNL CL.2 (Mouse Epithelial) Cytion 305177
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_4383

Genetic background and markers

Tumorigenic	Yes, highly tumorigenic in syngeneic hosts, forming large, well-defined, nodules, which are highly invasive, and metastasize to distant organs.
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References

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Culture Medium DMEM, w: 4.5 g/L D-glucose , w: 4 mM L- glutamine , w: 3.7 g/L NaHCO_3 , w: 1.0 mM NaCl (Cytion 820300a)

Supplements FBS 10%

Dissociation Reagent Trypsin

Subculturing Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks, cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.

Fluid renewal 2-3 times per week

Freeze medium DMEM supplemented with 10% FBS + 10% DMSO (Cytion 820300a)

Thawing and Culturing Cells

1. Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.
2. Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.
3. Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.
4. Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.
5. Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.
6. Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.
7. Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.
8. Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.

Incubation Atmosphere 37°C, 5% CO_2 , humidified

Flask Coating FBS

Freezing Procedure Cells are grown in DMEM supplemented with 10% FBS in T25, 3-5 cm^2 FBS , 3 cm^2 FBS flasks.

BNL CL.2 | 305177

Shipping
Conditions

Shipping conditions: The product is shipped in a temperature-controlled container at -78°C .

Storage
Conditions

Storage conditions: The product is stored at -150 to -196°C in a temperature-controlled container.

BNL CL.2 | 305177

Sterility

The product is sterile and suitable for PCR applications. The product is packaged in a sterile container and is suitable for use in PCR applications.