

Product sheet

SNB-19 | 305492

SNB-19

Description SNB-19 is a primary cell line derived from a patient with Glioblastoma (GBM). It is a highly proliferative, undifferentiated neuroepithelial cell line that exhibits typical GBM characteristics, including high tumorigenicity and resistance to apoptosis. SNB-19 cells are derived from a patient with GBM, and they exhibit typical GBM characteristics, including high tumorigenicity and resistance to apoptosis. SNB-19 cells are derived from a patient with GBM, and they exhibit typical GBM characteristics, including high tumorigenicity and resistance to apoptosis.

Organism Human

Tissue Brain, Glioblastoma

Disease Glioblastoma

Synonyms SNB.19, SNB19, Glioblastoma cell line SNB-19

Characteristics

Age 75 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial cells

Cell type Glioblastoma

Growth properties Adherent, Epithelial

References

Citation SNB-19 (Cytion 305492)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0535

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Cell Line

Mutational profile PTEN, p.Glu242Valfs*15 (c.723_724dupTG), TERT, c.1-124C>T (c.228C>T) (C228T) (c.818G>A)

Cell Type

Culture Medium DMEM, w: 4.5 g/L, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO3, w: 1.0 mM (Cytion 820300a)

Supplements 10% FBS

Doubling time 24 h

Split ratio 1:10

Seeding density 1-4 x 10⁴ cells/cm²

Fluid renewal 2-3 times

Freeze medium (FBS) + 10% DMSO

Thawing and Culturing Cells

- 1. Thaw cells in a 37°C water bath...
- 2. Centrifuge cells at 300 x g for 3 min...
- 3. Resuspend cells in 15 ml of culture medium...
- 4. Seed cells into a 75 cm² flask at 70% confluency...
- 5. Incubate cells at 37°C in 5% CO₂...
- 6. Monitor cell growth and passage when reaching 70-80% confluency...
- 7. Pass cells into a 10 cm² flask...
- 8. Store cells in liquid nitrogen...

