

BC-3 | 305748

BC-3

Description	BC-3 is a human T-cell leukemia virus type 1 (HTLV-1) positive T-cell line (PEL) derived from a patient with T-cell hairy-cell leukemia. BC-3 is a T-cell line that expresses CD45 and is derived from a patient with T-cell hairy-cell leukemia. BC-3 is a T-cell line that expresses CD45 and is derived from a patient with T-cell hairy-cell leukemia. BC-3 is a T-cell line that expresses CD45 and is derived from a patient with T-cell hairy-cell leukemia.
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Organism	Human
Tissue	Leukemia
Disease	T-cell hairy-cell leukemia
Applications	Cell culture
Synonyms	BC3

Characteristics

Age	85 years
Gender	Male
Ethnicity	Japanese
Morphology	Large, round, and flat
Growth properties	Slow growing

References and Safety

Citation	BC-3 (T-cell leukemia virus type 1 positive T-cell line) Cytion: 305748
Biosafety level	2
NCBI_TaxID	9606

XXXXXX BC-3 | 305748

CellosaurusAccession CVCL_1080

Antigen expression

[illegible]

Mutational profile

GenBank: [NM_001163282.1](#) CDKN2A

XXXXXXXXXXXX

Culture Medium

RPMI 1640 2.0 mM 2.0 mM NaHCO₃ (820700a)

Supplements

XXXXXXXX XXXXX 20 FBS

Dissociation Reagent

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Doubling time

50-60

Seeding density

$$2.5 \times 10^5 \times 10^2$$

Fluid renewal

2 3 4 5 6 7 8 9 10 11 12

Freeze medium

CM-1 (Cytion: 800100)

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Thawing and
Culturing Cells

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，避免产生气泡。
2. 将细胞培养瓶置于 37°C 孵育箱中，在 5% CO₂ 条件下培养。
3. 每天观察细胞生长情况，当细胞达到 70% 汇合度时，可进行传代。
4. 将细胞悬液离心，弃去上清液，加入新鲜培养基。
5. 将细胞培养瓶置于 37°C 孵育箱中，在 5% CO₂ 条件下培养。
6. 每天观察细胞生长情况，当细胞达到 70% 汇合度时，可进行传代。
7. 将细胞悬液离心，弃去上清液，加入新鲜培养基。
8. 将细胞培养瓶置于 37°C 孵育箱中，在 5% CO₂ 条件下培养。

Incubation
Atmosphere

37 °C, 5% CO₂

Shipping
Conditions

细胞在干冰中保存，运输温度为 -78 °C。

Storage
Conditions

细胞在 -150 °C 至 -196 °C 液氮中保存。

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Sterility

细胞在无菌条件下培养，培养基和细胞悬液均经过严格灭菌处理。 (PCR) 检测无 DNA 污染。