

BT-483 | 305247

Description

BT-483 is a human breast cancer cell line, derived from a 48-year-old female patient with ER+ breast cancer. BT-483 is a cell line that is highly sensitive to tamoxifen treatment. BT-483 is a cell line that is highly sensitive to tamoxifen treatment.

Organism

Tissue

Disease

Synonyms

BT483

Age

23

Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation

BT-483 (Cytion 305247)

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_2319

Product sheet

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Tumorigenic , /IMR ; , ; ,

Mutational profile : PIK3CA, p.Glu542Lys (c.1624G>A); : TP53 p.Met246Ile (c.738G>A)

Culture Medium DMEM: F12(1:1), w: 3.1 g/L , w: 2.5mM L- , w: 15mM HEPES, w: 0.5mM , w: 1.2 g/L NaHCO3 (Cytion

Supplements 10% FBS

Dissociation Reagent TrypLE Express

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Seeding density $1\sim3 \times 10^4 / \text{cm}^2$

Fluid renewal 2~3

Freeze medium (FBS) + 10% DMSO , CM-1(Cytion 800100)

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Thawing and
Culturing Cells

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation
Atmosphere

37°C, 5% CO₂ ,

Shipping
Conditions

-78°C .

Storage
Conditions

-150°C -196°C . 80°C .

Sterility

PCR .