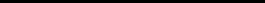


BT-483 | 305247

Description	BT-483 is a human breast cancer cell line derived from a primary tumor. It is characterized by high tumorigenicity and is used for studying breast cancer biology and drug response. BT-483 is a human breast cancer cell line derived from a primary tumor. It is characterized by high tumorigenicity and is used for studying breast cancer biology and drug response. BT-483 is a human breast cancer cell line derived from a primary tumor. It is characterized by high tumorigenicity and is used for studying breast cancer biology and drug response. (high-throughput screening)
Organism	Human
Tissue	Adipose
Disease	Breast cancer
Synonyms	BT483

XXXXXXXXXX

Age	23 𐄂𐄂
Gender	𐄂𐄂𐄂𐄂𐄂𐄂𐄂
Ethnicity	𐄂𐄂𐄂𐄂
Morphology	𐄂𐄂𐄂𐄂𐄂𐄂𐄂𐄂
Cell type	𐄂𐄂𐄂𐄂𐄂𐄂𐄂𐄂𐄂𐄂𐄂𐄂𐄂𐄂
Growth properties	𐄂𐄂𐄂𐄂𐄂



Citation	BT-483 (XXXXXXXXXXXXXXXXXXXXX Cytion 305247)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2319

BT-483 | 305247

Cell Line Information

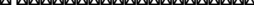
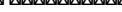
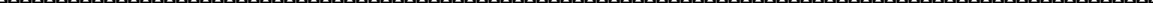
Tumorigenic	Yes, tumorigenic in nude mice/IMR; Yes, tumorigenic in athymic mice, tumorigenic
Mutational profile	PIK3CA, p.Glu542Lys (c.1624G>A); TP53 p.Met246Ile (c.738G>A)

Culture Conditions

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L Glucose, w: 2.5 g/L L-Glutamine, w: 15 g/L HEPES, w: 0.5 g/L
Supplements	FBS 10%
Dissociation Reagent	TrypLE Express
Subculturing	PBS Wash, T25 Flask
Seeding density	1 x 10 ⁴ cells/cm ²
Fluid renewal	2 x 3 days
Freeze medium	DMEM:Ham's F12 (1:1) (FBS) + 10% DMSO

XXXXXX BT-483 | 305247

Thawing and Culturing Cells

1.  
2.   cryovial  -150  
3.   37°C 
4.   70%
5.   15 
6.  300 x g  3  
7.   10   
8. 

Incubation Atmosphere

37°C, 5% CO₂, 

Shipping Conditions

Storage Conditions

—150 —196 °C

Sterility

PCR

Age Group	Percentage
18-24	15%
25-34	20%
35-44	25%
45-54	20%
55-64	15%
65-74	10%
75-84	5%
85+	5%