

CAL-33 | 305496

General information

Description	CAL-33 is a cell line derived from a human breast cancer cell line. It is a highly proliferative cell line that is used for research purposes. CAL-33, also known as CAL 33, is a cell line derived from a human breast cancer cell line. It is a highly proliferative cell line that is used for research purposes. CAL-33 is a cell line derived from a human breast cancer cell line. It is a highly proliferative cell line that is used for research purposes. CAL-33 is a cell line derived from a human breast cancer cell line. It is a highly proliferative cell line that is used for research purposes.
Organism	Human
Tissue	Breast
Disease	Breast cancer
Synonyms	Cal-33, CAL 33, CAL33, CAL-SCC-33, CAL-33-33

Cell characteristics

Age	69 years
Gender	Female
Ethnicity	Chinese
Morphology	Epithelial cells
Growth properties	Adherent, slow growing

Cell culture conditions

Citation	CAL33 (Cytion 305496)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1108

Cell culture conditions

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Mutational profile TPMRSS2, p.Gly8Val (c.23G>T) (c.-57+99G>T), TP53, p.Arg175His (c.524G>A)

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

Supplements 10% FBS

Dissociation Reagent

Subculturing 1-PBS 2-T25, 3-5 4-PBS, 3 5, , ,

Seeding density 1 - 2 x 10⁴ /

Freeze medium (FBS) + 10% DMSO , C

- Thawing and Culturing Cells**
1. , ,
 2. , -150°C ,
 3. , 37 ,
 4. , 70% .
 5. 15 " 8 " .
 6. 300 x g 3 ,
 7. 10 " 10 , T2
 8. ,

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**Incubation
Atmosphere** 37°C, 5%_{CO2}, **humidified**

Flask Coating **yes**

**Shipping
Conditions** **shipped at -78°C**

**Storage
Conditions** **store at -150 to -196 °C**

cell type

Sterility

cell type **PCR negative**
cell type **PCR negative**