

MDA-MB-361 | 305267

General information

Description	MDA-MB-361 is a cell line derived from a primary mammary carcinoma of a 40-year-old female patient. The cell line is characterized by its high tumorigenicity and its ability to form mammary tumors in nude mice. MDA-MB-361 cells are highly invasive and metastatic, forming large, solid nests of cells in the mammary gland. The cells are highly proliferative and have a high growth rate. MDA-MB-361 cells are highly sensitive to anti-HER2/neu therapy. MDA-MB-361 cells are highly sensitive to anti-HER2/neu therapy. MDA-MB-361 cells are highly sensitive to anti-HER2/neu therapy.
Organism	Human
Tissue	Breast, Mammary gland
Disease	Breast cancer
Metastatic site	Brain
Synonyms	MDA-MB 361, MDA MB 361, MDA-MB361, MDAMB361, MDA-361, MDA361, MB361, MD Anderson-Metastatic Breast-361

Cell characteristics

Age	40 years
Gender	Female
Ethnicity	White
Morphology	Epithelial
Growth properties	Highly proliferative, highly invasive, highly metastatic

Cell line identification

Citation	MDA-MB-361 (ATCC CCL-222) Cytion 305267
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0620

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Incubation Atmosphere 37°C, 5% CO_2 , humidified air

Flask Coating none

Freezing Procedure Cells are seeded into 25 cm² flasks and grown to confluence. Cells are then trypsinized and resuspended in freezing medium (DMEM, 10% FBS, 10% DMSO). The cell suspension is then aliquoted into 1 mL vials and frozen at -78°C.

Shipping Conditions Cells are shipped on dry ice at -78°C.

Storage Conditions Cells are stored at -150 to -196 °C in liquid nitrogen. Cells should be stored in the vapor phase of liquid nitrogen.

MDA-MB-361 Cell Line

Sterility

Cells are tested for mycoplasma contamination using PCR. Cells are also tested for mycoplasma contamination using the MycoTect kit. Cells are found to be free of mycoplasma contamination.