



<b>Cell line:</b>	<b>MDA-MB-231</b>	
DSMZ no.:	<b>ACC 732</b>	
Species:	human ( <i>Homo sapiens</i> )	
Cell type:	breast carcinoma	
Origin:	established in 1973 from the pleural effusion of a 51-year-old woman with breast carcinoma	
Reference(s):	<u>14415</u> , <u>17111</u> , <u>17112</u>	
Biosafety level:	1	
Permissions and restrictions:	A	
<b>DSMZ Cell Culture Data:</b>		
Morphology:	epithelial cells growing adherently as monolayer; <u>image</u> ; <u>image</u>	
Medium:	80-90% Leibovitz' L15 + 10-20% h.i. FBS	
Subculture:	seed out at ca. $0.5-1.0 \times 10^6$ cells/80 cm <sup>2</sup> ; optimal split ratio 1:5 to 1:20 every 3-5 days using trypsin-EDTA	
Incubation:	at 37 °C, no exposure to CO <sub>2</sub> (keep lid of flask closed)	
Doubling time:	ca. 25-30 hours	
Harvest:	cell harvest of ca. $10-20 \times 10^6$ cells/80 cm <sup>2</sup>	
Storage:	frozen with 70% medium, 20% FBS, 10% DMSO	
<b>DSMZ Scientific Data:</b>		
Mycoplasma:	negative in microbiological culture, PCR assays	
Immunology:	cytokeratin +, cytokeratin-7 +, cytokeratin-8 +, cytokeratin-17 -, cytokeratin-18 +, cytokeratin-19 +, desmin -, endothel -, EpCAM -, GFAP -, neurofilament -, vimentin +	
Fingerprint:	fluorescent nonaplex PCR of short tandem repeat markers revealed a unique STR DNA profile	
Viruses:	PCR: EBV -, HBV -, HCV -, HIV -, HTLV-I/-II -, MLV -	
Supplied as:	Delivery form	Prices
	Frozen culture	360,- €
	Growing culture	720,- €
	(please inquire for exact delivery time)	
	DNA isolated from cell line (25 µg)	440,- €

DNA isolated from cell line (5 µg)

100,- €

[see price list](#)

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[Print data sheet](#)

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