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A2780 cells

Catalog #:

C0017002

Shipping advice:

Use only **Express Delivery** (overnight) for cell lines. International shipping rate please [contact us](#) for details

Frozen vial USD350

Disease:

Ovarian carcinoma

Origin:

Derived from tumor tissue of an untreated patient

Species:

Homo sapiens

Tissue:

Ovary

Morphology:

Epithelial

Properties:

Adherent

Cytogenic data:

Patient:

Medium:

AddexBio-formulated RPMI-1640 Medium([C0004-01](#)) + 10% FBS

Subculture:

1:3 to 1:6 using 0.25% trypsin or trypsin/EDTA, 5% CO₂; 37°C

Freezing Medium:

Complete culture medium supplemented with 5% (v/v) DMSO

Biosafety Level:

I

Sterility:

Bacteria: Negative

Yeast: Negative

Mycoplasma: Negative

Pathogens:

HIV: Negative

Hepatitis B: Negative

Hepatitis C: Negative

DNA Profile (STR):

Amelogenin: X

CSF1PO: 10,11

D13S317: 12,13

D16S539: 11,13

D5S818: 11,12

D7S820: 10

THO1: 6

TPOX: 8,10

vWA: 15,16

Mutations in A2780 Cells

Related cells by Organ:

[A2780 cells](#)

[A2780cis cells](#)

[MDAH-2774 cells](#)

References for A2780 cells:

1. Cicchillitti, L., Di Michele, M., Urbani, A., Ferlini, C., Donat, M. B., Scambia, G., and Rotilio, D. Comparative p analysis of paclitaxel sensitive A2780 epithelial ovarian cancer cell line and its resistant counterpart A2780TC1 DIGE: the role of ERp57. *J Proteome Res*, 8: 1902-1912, 2009.
2. Ma, X. X., Jin, Y. N., Miao, Q., Li, S., He, Y. Q., and Lv, H. W. Histone deacetylase inhibitor trichostatin A mod cycles in A2780 human ovarian cancer cell lines. *Eur J Gynaecol Oncol*, 30: 263-266, 2009.
3. Li, J. M., Gao, M. H., and Zhang, B. [Inhibition of mutant CD59 protein on proliferation of ovarian cancer A2780 cells]. *Ai Zheng*, 28: 379-383, 2009.
4. Li, Z. D., Hu, X. W., Wang, Y. T., and Fang, J. Apigenin inhibits proliferation of ovarian cancer A2780 cells through ERp57. *FEBS Lett*, 583: 1999-2003, 2009.
5. Paragh, G., Kumar, S. M., Rakosy, Z., Choi, S. C., Xu, X., and Acs, G. RNA interference-mediated inhibition of erythropoietin receptor expression suppresses tumor growth and invasiveness in A2780 human ovarian carcinoma cells. *Am J Pathol*, 174: 1504-1514, 2009.
6. Cicchillitti, L., Di Michele, M., Urbani, A., Ferlini, C., Donati, M. B., Scambia, G., and Rotilio, D. Comparative p analysis of paclitaxel sensitive A2780 epithelial ovarian cancer and its resistant counterpart A2780TC1 by 2D-DIGE: the role of ERp57. *J Proteome Res*, 2009.
7. Day, J. M., Foster, P. A., Tutill, H. J., Newman, S. P., Ho, Y. T., Leese, M. P., Potter, B. V., Reed, M. J., and Pritchard, J. BCRP expression does not result in resistance to STX140 in vivo, despite the increased expression of BCRP in cells in vitro after long-term STX140 exposure. *Br J Cancer*, 100: 476-486, 2009.

Certificate of Analysis/MSDS is available upon request with lot number

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