

人结肠腺癌细胞 SW480 [SW-480]说明书

中国科学院干细胞库编号: SCSP- 5033

细胞名称: SW480 [SW-480]

细胞描述: SW480 取自 ATCC CCL-227 同一患者一年后的淋巴结转移。CSAp 和直肠抗体 3 阴性。角蛋白免疫过氧化物酶染色阳性。p53 基因第 273 位密码子的 G -> A 突变导致 Arg -> His 替代, 309 位密码子的 C -> T 突变导致 Pro -> Ser 替代。细胞 p53 蛋白表达水平升高。致癌基因 c-myc, K-ras, H-ras, N-ras, myb, sis 和 fos 的表达呈阳性。未检测到致癌基因 N-myc 的表达。不表达细胞溶解酶, 一种与肿瘤入侵相关的金属蛋白酶。有报道称该细胞表达 GM-CSF。无 CO₂ 培养。

物种: 人, 男性, 50 岁

细胞来源: 2017 年引进

ATCC number: CCL-228™

培养液: 配方见备注, 无 CO₂ 培养

细胞总数: 1×10⁶

体积/每支: 500 µl

预期存活率: 70%

冻存日期: 详见 冻存管/培养瓶 标识

建议复苏培养体系: 1 个 T25 培养瓶

传代比例: 1: 3

传代周期: 4-5 天

换液频率: 每周 2 次

冻存液: 完全培养液 95%, DMSO 5%

细胞状态: 贴壁生长, 无 CO₂ 培养

支原体检测结果: 阴性

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备注:

1. 人结肠腺癌细胞 SW480 [SW-480]完全培养液配方 (100 ml):

L-15 (Hyclone, SH30525.01 或 Invitrogen 11415-064)	90 ml
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FBS (Gibco)	10 ml
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无 CO₂ 培养。

详情访问中科院干细胞库/干细胞技术平台 <http://www.cellbank.com.cn/index.asp>;

电话: 021-54921358

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