

p27mt基因对大肠癌Lovo细胞粘附作用的影响

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The Adhesion Effect of Colorectal Carcinoma Lovo cells by Human Mutant p27mt Gene

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全文: PDF (135 KB) HTML (0 KB) 输出: BibTeX | EndNote (RIS) 背景资料

摘要 目的研究人突变p27基因(p27mt)对大肠癌Lovo细胞粘附作用的影响,探讨p27mt基因在大肠癌Lovo细胞转移中的作用机制。方法用Ad-p27mt转染大肠癌Lovo细胞,采用Western blot检测p27mt在Lovo中的表达。分别采用细胞计数法,MTT法检测p27mt基因对大肠癌Lovo细胞同质粘附、异质粘附作用的影响。结果Ad-p27mt转染Lovo细胞后,同质粘附作用高于Ad-LacZ组和对照组,异质粘附作用低于Ad-LacZ组和对照组。结论上调p27mt基因的表达,可使大肠癌细胞间的同质粘附作用增强,异质粘附作用降低,因此,p27mt基因具有抑制大肠癌细胞转移的功能,其机制是改变了细胞基质及细胞间的粘附能力。

关键词: p27mt基因 大肠癌Lovo细胞 同质粘附 异质粘附

Abstract: Objective To study the effect of p27mt transfected into human colorectal carcinoma Lovo cells,and to explore the mechanism of p27mt gene on the metastases of colorectal carcinoma Lovo cells.Methods The expression of p27mt on the p27mt-transfected Lovo cells was determined p27mt protein expression with Western Blot. The effect of p27mt gene on the homogeneity adhesion of human colorectal carcinoma was measured with cell count,and the heterogeneity adhesion was determined by MTT method.Results High expression...

Key words: p27mt gene Colorectal neoplasm Lovo cells Homogeneity adhesion Heterogeneity adhesion

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- [1] 陈珺;丁武华;卢光新;徐少勇;. p27mt基因对人大肠癌裸鼠移植瘤模型的影响[J]. 肿瘤防治研究, 2008, 35(6): 399-401.
- [2] 徐少勇;陈珺;熊玲;王家宁;黄永章;. 人突变p27基因对大肠癌细胞凋亡的影响 [J]. 肿瘤防治研究, 2006, 33(5): 343-345.

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