

论文

HLA-G在宫颈癌组织中的表达及临床意义

郑妮<sup>1</sup>, 王传新<sup>1</sup>, 邓小梅<sup>2</sup>, 张建<sup>1</sup>, 阚士峰<sup>1</sup>, 张欣<sup>1</sup>, 李伟<sup>1</sup>, 杜鲁涛<sup>1</sup>

山东大学齐鲁医院 1. 检验科, 2. 神经内科, 济南 250012

摘要:

目的 检测人类白细胞抗原G (HLA-G) 在宫颈癌组织中的表达, 并探讨其在宫颈癌发生发展中的意义。方法 采用免疫组织化学SP法检测HLA-G在54例宫颈肿瘤组织及16例癌旁正常宫颈组织中的分布及表达特点, 观察其与宫颈临床病理参数间的关系。结果 HLA-G在宫颈癌组织中的阳性表达率为66.70% (36/54), 而在癌旁正常宫颈组织中均无表达 (0/16)。HLA-G的阳性表达率与宫颈癌的临床分期和分化程度密切相关 (P<0.05); 但与年龄、组织学类型及淋巴结转移无关 (P>0.05)。结论 HLA-G在宫颈癌组织中的表达明显高于宫颈正常组织, 其在宫颈癌的发生、发展中发挥着重要作用。

关键词: 人类白细胞抗原G; 宫颈肿瘤; 免疫组织化学

Expression of HLA-G in cervical cancer and its clinical significance

ZHENG Ni <sup>1</sup>, WANG Chuan xin <sup>1</sup>, DENG Xiao mei <sup>2</sup>, ZHANG Jian <sup>1</sup>, KAN Shi fen<sup>1</sup>,ZHANG Xin <sup>1</sup>, LI Wei <sup>1</sup>, DU Lu tao <sup>1</sup>

1. Department of Clinical Laboratory, Qilu Hospital of Shandong University, Jinan 250012, China;  
2. Department of Neurology, Qilu Hospital of Shandong University, Jinan 250012, China

Abstract:

Objective To detect expression of human leukocyte antigen protein G (HLA-G) in cervical cancer and explore its significance in the development of cervical cancer. Methods The SP immunohistochemical method was used to detect the expression of HLA-G in 54 cervical cancer tissues and 16 normal cervix tissues and its relationship with clinical pathological characteristics of cervical cancer was analyzed. Results The positive expression rate of HLA-G was 66.7% (36/54) in cervical cancer tissues, while no positive expression (0/16) was found in normal cervix tissues. The positive expression rate of HLA-G was closely related with clinical stage and differentiation degree (P<0.05), but was not related with age, histological classification, and lymph node metastasis (P>0.05). Conclusion Expression of HLA-G in cervical tumors is significantly higher than that in normal cervix tissues, and HLA-G plays an important role in the development of cervical cancer.

Keywords: Human leukocyte antigen protein G; Cervical carcinoma; Immunohistochemistry

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通讯作者: 王传新(1963- ),男,教授,博士生导师,主要从事肿瘤免疫与分子生物学研究

作者简介: 郑妮 (1984- ), 女, 硕士, 主要从事肿瘤免疫研究。

作者Email:

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