

## P-gp和CD44v6在胃癌组织中表达及与预后的关系

关云艳<sup>1</sup>, 刘凯军<sup>2</sup>, 欧希龙<sup>3</sup>, 郭庆明<sup>3</sup>

1. 214001 江苏无锡市中医医院; 2. 阜阳市第四人民医院内科; 3. 东南大学医学院附属中大医院消化科

### Expressions of P-gp and CD44v6 in Gastric Carcinoma and Their Correlation to Clinical Prognosis

GUAN Yun-yan<sup>1</sup>, LIU Kai-jun<sup>2</sup>, OU Xi-long<sup>3</sup>, GUO Qing-ming<sup>3</sup>

1. Wuxi Traditional Chinese Medical Hospital, Wuxi 214001, China; 2. The Fourth People's Hospital of Fuyang City; 3. The Affiliated Zhongda Hospital, Clinical Medical College, Southeast University

- 摘要
- 参考文献
- 相关文章

全文: PDF (968 KB) HTML (0 KB) 输出: BibTeX | EndNote (RIS) 背景资料

**摘要** 目的 探讨P-gp和CD44v6在胃癌组织中表达的相关性及其临床意义。方法 应用免疫组织化学方法,检测97例胃癌组织中P-gp和CD44v6的表达,并分析P-gp和CD44v6与胃癌病理特征的关系、两者表达的相互关系及对预后的影响。结果 97例胃癌组织中P-gp和CD44v6的阳性率分别为40.21%(39/97)和58.76%(57/97),P-gp阳性表达情况与胃癌的临床分期、有无淋巴结转移及有无血管侵犯有关( $P<0.05$ )。CD44v6阳性表达与病变大小、临床分期、有无淋巴结转移及有无血管侵犯有关( $P<0.05$ )。P-gp阳性表达与CD44v6阳性表达具有正相关性( $P<0.05$ ),两者表达均阳性者3年生存率低于两者表达均阴性组。结论 P-gp和CD44v6的表达不仅与胃癌的生物学行为有关,同时两者的表达具有明显的正相关性,而且两者表达均阳性者预后差,提示联合检测两者有助于判断胃癌的预后。

**关键词:** 胃癌 P-糖蛋白 CD44v6 免疫组织化学 预后

**Abstract:** Objective To study the relationship between the expression of P-glycoprotein (P-gp) and CD44v6 as well as their clinical significance in gastric carcinoma. Methods The expressions of P-gp and CD44v6 were detected by immunohistochemistry method in 97 patients with gastric carcinoma. Then their relationship with pathophysiological characteristics was evaluated. Meanwhile, the relationship between expression of P-glycoprotein (P-gp) and CD44v6 and the effect of them on clinical prognosis were also analyzed. Results The positive rate of P-gp and CD44v6 in 97 cases of gastric carcinoma were 40.21% and 58.76% respectively. The expression of P-gp was associated with lymph node metastasis, vessel invasion and clinical stage; CD44v6 was associated with tumor size, lymph node metastasis, vessel invasion and clinical stage. There was a positive correlation between the expressions of P-gp and CD44v6. Moreover, survival rate of three years in both positive group was lower than that in both negative groups. Conclusion The expressions of P-gp and CD44v6 are not only associated with biologic behavior of gastric carcinoma, but also related to each other. Those who expressed both P-gp and CD44v6 have lower survival rate. Combined detecting of P-gp and CD44v6 may contribute to predicting the prognosis in gastric carcinoma.

**Key words:** Gastric carcinoma P-glycoprotein CD44v6 Immunohistochemistry Prognosis

收稿日期: 2008-07-28;

引用本文:

关云艳, 刘凯军, 欧希龙等. P-gp和CD44v6在胃癌组织中表达及与预后的关系[J]. 肿瘤防治研究, 2009, 36(11): 940-943.

GUAN Yun-yan, LIU Kai-jun, OU Xi-long et al. Expressions of P-gp and CD44v6 in Gastric Carcinoma and Their Correlation to Clinical Prognosis[J]. CHINA RESEARCH ON PREVENTION AND TREATMENT, 2009, 36(11): 940-943.

#### 服务

- 把本文推荐给朋友
- 加入我的书架
- 加入引用管理器
- E-mail Alert
- RSS

#### 作者相关文章

- 关云艳
- 刘凯军
- 欧希龙
- 郭庆明

- [1] 穆媛媛;吴会超;杨莹莹;苏薇. 胃泌素及其受体拮抗剂对人胃癌细胞株MKN45增殖及HB-EGF表达的影响[J]. 肿瘤防治研究, 2012, 39(2): 133-136.
- [2] 王小莉;龚兴牡. Trx-1和COX-2在非小细胞肺癌中的表达及意义[J]. 肿瘤防治研究, 2012, 39(2): 166-168.
- [3] 龚益平;漆楚波;王明伟;陈创;赵德绵;许娟;邵军;程洪涛;夏和顺. 三阴性乳腺癌的预后与上皮间叶转化的相关性[J]. 肿瘤防治研究, 2012, 39(2): 173-176.
- [4] 罗平;罗浩军;杨光伦;涂刚. 新型雌激素受体GPER在乳腺癌组织中的表达及与预后的相关性 [J]. 肿瘤防治研究, 2012, 39(2): 181-184.
- [5] 王艳阳;折虹;丁喆;詹文华. Basal-like型乳腺癌临床特征与生存分析[J]. 肿瘤防治研究, 2012, 39(2): 177-180.
- [6] 朱红波;龙志国;李凯;贾国凤;张睿. 整合素 $\alpha 3\beta 1$ 在食管鳞状细胞癌组织中的表达及意义[J]. 肿瘤防治研究, 2012, 39(2): 195-197.
- [7] 张健文;吴敬波. 原发性中枢神经系统肿瘤颅外转移状况 [J]. 肿瘤防治研究, 2012, 39(2): 238-240.
- [8] 裴新红;杨振;姜丽娜. 淋巴结分类情况下不同类型三阴性乳腺癌的预后分析 [J]. 肿瘤防治研究, 2012, 39(1): 51-53.
- [9] 张冠军;梁 华;王春宝;张学斌;王一理. NDRG-1及MMP-7在肾细胞癌中的表达及意义[J]. 肿瘤防治研究, 2012, 39(1): 54-58.
- [10] 孙建建;李胜棉;赵松;李光辉;王小玲. Survivin和Caspase-3在胰腺癌组织中的表达及与预后的关系[J]. 肿瘤防治研究, 2012, 39(1): 62-67.
- [11] 黄东兰;谢菲;岑东芝;张积仁. 2001—2010年乳腺癌预后基因临床研究文献的计量学分析[J]. 肿瘤防治研究, 2012, 39(1): 91-94.
- [12] 邹国荣;曹小龙;张超;谢方云;李济时;彭 苗. 非转移性T4期鼻咽癌的预后影响因素分析[J]. 肿瘤防治研究, 2011, 38(9): 1016-1022.
- [13] 于秀文;李姗姗;孙玉荣;王显艳;张春庆. 胃癌发生不同阶段E-cadherin和TCF4的联合检测及其对胃癌Lauren's分型的意义[J]. 肿瘤防治研究, 2011, 38(9): 1031-1034.
- [14] 周英琼;肖胜军;侯巧燕;莫文法. TGF- $\beta 1$ 及其信号转导通路分子在鼻咽癌组织芯片中的表达及意义[J]. 肿瘤防治研究, 2011, 38(9): 1023-1027.
- [15] 黄耿文;丁翔. ESM-1作为肝癌血管内皮标志物的意义[J]. 肿瘤防治研究, 2011, 38(9): 1035-1037.

鄂ICP备08002248号

版权所有 © 《肿瘤防治研究》编辑部

本系统由北京玛格泰克科技发展有限公司设计开发 技术支持: support@magtech.com.cn