

Immunohistochemical study on expression of cathepsin β in gastric carcinoma

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Abstract

AIM: To study the expression of cathepsin B in gastric carcinoma and its relationship with pathologic type.

METHODS: The cathepsin B expression in 54 specimens of human

gastric adenocarcinoma was studied by immunohistochemistry.

RESULTS: The cathepsin B expression was detected in 33/54 (61.1%) specimens of human gastric carcinoma and in 3/54 (5.6%) of normal tissue ($P < 0.01$). There was no obvious correlation between the expression of cathepsin B and pathologic type of gastric adenocarcinoma.

CONCLUSION: There is a high expression of cathepsin B in human gastric adenocarcinoma.

Key words: Stomach neoplasms; Cathepsin B; Immunohistochemistry; Adenocarcinoma

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