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.HER2/neu胞外区片段基因免疫诱导特异细胞免疫及其抗肿瘤效应研究[J].张跃建,何球藻,秦慧莲.中国肿瘤生物治疗杂志,2000

HER2/neu胞外区片段基因免疫诱导特异细胞免疫及其抗肿瘤效应研究 [点此下载全文](#)

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摘要:

目的: 探讨HER2/neu原癌基因胞外区片段DNA免疫诱导的特异性细胞免疫应答及其在体内的抗肿瘤效应。方法: 及其胞外区片段表达载体, 分别转染SP2/0细胞以制备杀伤靶细胞。将质粒DNA免疫小鼠, 观察其诱导的细胞免疫应答结果: 体外获得稳定表达HER2/neu基因的SP2/0靶细胞。目的基因DNA免疫后, 免疫鼠脾细胞在体外可检测到特出现肿瘤结节出现时间延迟, 肿瘤生长缓慢。结论: HER2/neu原癌基因胞外区片段DNA免疫可诱导出特异细胞免疫

关键词: [HER2/neu](#) [胞外区](#) [DNA免疫](#) [细胞免疫](#) [抗肿瘤效应](#)

Induction of Cellular Immune Response by Intramuscular DNA Immunization with HER-2/neu Extrac
Tumor Effect [Download Fulltext](#)

[Zhang Yuejian](#) [He Qiuzao](#) [Qin Huilian](#)

Fund Project:

Abstract:

Objective: To study the cellular immune response and the anti-tumor effects induced by intramuscular HER2/neu extracellular domain gene. Methods: HEH2/neu oncogene extracellular domain gene was isolated and constructed into expression vector. The cellular immune response and its anti-tumor effects were analyzed after intramuscular immunization. Specific cytotoxic activity by spleen cells from HER2/neu ECD gene immunized mice was found in vitro. Tumor challenge in vivo in immunized mice. Conclusion: Specific cellular immune response and anti-tumor effects induced by intramuscular immunization with HER2/neu extracellular domain gene immunization.

Keywords:[HER2/neu](#) [extracellular domain](#) [DNA immunization](#) [cellular immunity](#) [anti-tumor effect](#)

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