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# Survivin/p53/HER2 Antigen-loaded Autologous Dendritic Cell Vaccine

National Cancer Institute

## Source

National Cancer Institute. *Survivin/p53/HER2 Antigen-loaded Autologous Dendritic Cell Vaccine*. NCI Thesaurus. Code C114285.

An autologous dendritic cell (DC) vaccine loaded with tumor-associated antigens (TAAs) derived from survivin, p53 and human epidermal growth factor receptor 2 (HER2 or ERBB2), with immunostimulating and antineoplastic activities. Upon administration, this DC vaccine may elicit a potent cytotoxic T-cell (CTL) response against tumor cells expressing these TAAs, resulting in tumor cell death. Survivin, p53 and HER2 are essential in neoplastic growth, and are considered to be universal tumor antigens.