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Melan-A/MAGE-3.DP4 Peptide Vaccine

National Cancer Institute

Source

National Cancer Institute. *Melan-A/MAGE-3.DP4 Peptide Vaccine*. NCI Thesaurus. Code C96041.

A cancer vaccine consisting of a peptide derived from the melanocyte differentiation antigen Melan-A (or MART-1) and the human leukocyte antigen HLA-DP4-restricted human melanoma antigen 3 (MAGE-3.DP4), with potential immunostimulating and antineoplastic activities. Upon administration, Melan-A/MAGE-3.DP4 peptide vaccine may stimulate the immune system to mount a cytotoxic T-cell (CTL) response against tumor cells expressing Melan-A and MAGE-3, resulting in tumor cell lysis. The tumor associated antigens Melan-A and MAGE-3 are overexpressed in a variety of cancer cell types.