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# NA-17/MAGE-3.A2/NY-ESO-1 Peptide Vaccine

National Cancer Institute

## Source

National Cancer Institute. *NA-17/MAGE-3.A2/NY-ESO-1 Peptide Vaccine*. NCI Thesaurus. Code C96042.

A peptide cancer vaccine consisting of peptides derived from the melanoma antigen NA-17, the human leukocyte antigen HLA-A2-restricted human melanoma antigen 3 (MAGE-3.A2) and the cancer-testis antigen (NY-ESO-1), with potential immunostimulating and antineoplastic activities. Upon administration, the NA-17/MAGE-3.A2/NY-ESO-1 peptide vaccine may stimulate the immune system to mount a cytotoxic T-cell (CTL) response against tumor cells expressing NA-17, MAGE-3.A2 and NY-ESO-1, resulting in tumor cell lysis. The tumor-associated antigens (TAAs) NA-17, MAGE-3.A2 and NY-ESO-1 are overexpressed in a variety of cancer cell types.