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LMP-2:340-349 Peptide Vaccine

National Cancer Institute

Source

National Cancer Institute. *LMP-2:340-349 Peptide Vaccine*. NCI Thesaurus. Code C62767.

A peptide vaccine containing amino acids residues from 340 through 349 of the latent membrane protein-2 (LMP-2) of the Epstein-Barr virus (EBV) with potential immunostimulating and antineoplastic activities. LMP-2, an EBV transmembrane protein, is expressed in various malignancies including nasopharyngeal cancer and EBV-positive Hodgkin disease. Vaccination with the LMP-2:340-349 peptide may boost the immune system to mount a specific cytotoxic T-lymphocyte (CTL) response against LMP-2 producing cells, resulting in cell lysis and inhibition of cancer cell proliferation.