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# LMP-2:419-427 Peptide Vaccine

National Cancer Institute

## Source

National Cancer Institute. *LMP-2:419-427 Peptide Vaccine*. NCI Thesaurus. Code C62768.

A peptide vaccine containing amino acids residues from 419 through 427 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-2:49-427 peptide may boost the immune system to mount a specific cytotoxic T-lymphocyte response against LMP-2 producing cells, resulting in cell lysis and inhibition of cancer cell proliferation.