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PEP-3-KLH Conjugate Vaccine

National Cancer Institute

Source

National Cancer Institute. *PEP-3-KLH Conjugate Vaccine*. NCI Thesaurus. Code C74070.

A cancer vaccine consisting of PEP-3, a synthetic peptide encompassing a tumor-specific mutated segment of the epidermal growth factor receptor type VIII (EGFRvIII), conjugated to the naturally-occurring immunoadjuvant keyhole limpet hemocyanin (KLH) with potential immunostimulating and antineoplastic activities. Upon administration, PEP-3-KLH conjugate vaccine may induce a cytotoxic immune response against tumor cells that overexpress EGFRvIII; this antitumoral immune response may involve antibody-dependent cellular cytotoxicity (ADCC).