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Recombinant Vaccinia-NY-ESO-1 Vaccine

National Cancer Institute

Source

National Cancer Institute. *Recombinant Vaccinia-NY-ESO-1 Vaccine*. NCI Thesaurus. Code C48419.

A cancer vaccine consisting of a recombinant vaccinia viral vector encoding an immunogenic peptide derived from the cancer-testis antigen NY-ESO-1, an antigen found in normal testis and various tumors, including bladder, breast, hepatocellular, melanoma, and prostate cancers. Vaccination with recombinant vaccinia NY-ESO-1 peptide vaccine may stimulate the host immune system to mount a humoral and cytotoxic T lymphocyte (CTL) response against tumor cells expressing NY-ESO-1 antigen, resulting in tumor cell lysis. (NCI05)