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Modified Vaccinia Ankara (Bavarian Nordic)-HER2 Vaccine

National Cancer Institute

Source

National Cancer Institute. *Modified Vaccinia Ankara (Bavarian Nordic)-HER2 Vaccine*. NCI Thesaurus. Code C71758.

A cancer vaccine consisting of a proprietary, recombinant modified vaccinia Ankara (MVA) viral vector encoding an epitope of human epidermal growth factor receptor 2 (HER2) with potential antineoplastic activity. Upon administration, modified vaccinia Ankara (Bavarian Nordic)-HER2 vaccine may stimulate the host immune system to mount humoral and cytotoxic T lymphocyte responses against HER2-expressing tumor cells, resulting in tumor cell lysis. HER2, also known as ErbB-2, is a tyrosine kinase growth factor receptor and a member of the epidermal growth factor receptor family; it plays a significant role in the pathogenesis of some breast cancers.