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Recombinant Vaccinia-MUC1-B7 Vaccine

National Cancer Institute

Source

National Cancer Institute. *Recombinant Vaccinia-MUC1-B7 Vaccine*. NCI Thesaurus. Code C29409.

An admixture of recombinant vaccinia virus encoding MUC-1 and recombinant vaccinia virus encoding the murine T-cell co-stimulatory molecule B7.1. MUC-1 is a glycosylated mucin that is overexpressed in breast, lung, pancreatic, prostate, stomach, colon, and ovarian carcinomas. Vaccination with MUC-1 in combination with B7.1 may enhance the cytotoxic T cell (CTL) immune response to tumors expressing MUC-1, compared to vaccination with MUC-1 alone. (NCI04)