

[Open Peer Review on Qeios](#)

Recombinant Vaccinia-CEA

National Cancer Institute

Source

National Cancer Institute. *Recombinant Vaccinia-CEA*. NCI Thesaurus. Code C2809.

A recombinant vaccinia virus encoding carcinoembryonic antigen (CEA). CEA is overexpressed in several cancer cell types, including gastrointestinal, breast, and non-small cell lung cancers. Attenuated vaccinia virus is a highly effective immunizing agent that evokes both humoral and cell-mediated responses. Vaccination with this agent may evoke a cytotoxic immune response to CEA-expressing cells. (NCI04)