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# Zalifrelimab

National Cancer Institute

## Source

National Cancer Institute. *Zalifrelimab*. NCI Thesaurus. Code C126113.

A recombinant human monoclonal antibody directed against the human T-cell receptor cytotoxic T-lymphocyte-associated antigen 4 (CTLA-4), with immune checkpoint inhibitory and antineoplastic activities. Upon administration, zalifrelimab binds to CTLA-4 expressed on T-cells and inhibits the CTLA-4-mediated downregulation of T-cell activation. This leads to a cytotoxic T-lymphocyte (CTL)-mediated immune response against cancer cells. CTLA-4, an inhibitory receptor and member of the immunoglobulin superfamily, plays a key role in the downregulation of the immune system.