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Anti-CD40 Agonist Monoclonal Antibody ABBV-927

National Cancer Institute

Source

National Cancer Institute. *Anti-CD40 Agonist Monoclonal Antibody ABBV-927*. NCI Thesaurus. Code C139553.

An agonistic monoclonal antibody directed against the B-cell surface antigen CD40, with potential antineoplastic activity. Upon administration, ABBV-927 binds to CD40 on a variety of immune cell types. This induces CD40-dependent signaling pathways, triggers the proliferation and activation of antigen-presenting cells (APCs), and activates T-cells. This results in an enhanced cytotoxic T-lymphocyte (CTL)-mediated immune response against tumor cells. CD40, a cell surface receptor and member of the tumor necrosis factor receptor superfamily (TNFRSF), is expressed on various immune cells and plays a key role in the activation of the immune system.