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# Anti-CD40/Anti-TAA Bispecific Monoclonal Antibody ABBV-428

National Cancer Institute

## Source

National Cancer Institute. *Anti-CD40/Anti-TAA Bispecific Monoclonal Antibody ABBV-428*. NCI Thesaurus. Code C132681.

A bispecific monoclonal antibody composed of a binding domain for an epitope found on the cell-surface receptor CD40 linked to a binding domain directed to an as of yet undisclosed tumor-associated antigen (TAA), with potential immunomodulating and antineoplastic activities. Upon administration of anti-CD40/anti-TAA bispecific monoclonal antibody ABBV-428, the anti-TAA moiety targets and binds to the TAA expressed on the tumor cells. The agonistic anti-CD40 moiety targets and binds to various CD40-expressing immune cells. This leads to the activation and proliferation of effector and memory T-cells, and enhances the immune response against tumor cells, which kills and inhibits the proliferation of the TAA-expressing tumor cells. CD40, a stimulatory receptor and a member of the tumor necrosis factor receptor superfamily (TNFRSF), is expressed on various immune cells, such as macrophages, B-lymphocytes, and dendritic cells (DCs); it plays a key role in the activation of the immune system.