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Anti-OX40 Agonist Monoclonal Antibody ABBV-368

National Cancer Institute

Source

National Cancer Institute. *Anti-OX40 Agonist Monoclonal Antibody ABBV-368*. NCI Thesaurus. Code C161864.

An agonistic humanized IgG1 monoclonal antibody that recognizes the co-stimulatory receptor OX40 (CD134; tumor necrosis factor receptor superfamily member 4; TNFRSF4), with potential immunostimulatory activity. Upon administration, anti-OX40 agonist monoclonal antibody ABBV-368 selectively binds to and activates OX40. This may induce the proliferation of memory and effector T-lymphocytes and inhibit the function of T-regulatory cells (Tregs) in the tumor microenvironment (TME). OX40, a cell surface glycoprotein and member of the tumor necrosis factor receptor superfamily (TNFRSF), is expressed on T-lymphocytes and plays an essential role in T-cell activation and differentiation.