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Tavolimab

National Cancer Institute

Source

National Cancer Institute. *Tavolimab*. NCI Thesaurus. Code C120041.

An agonistic, humanized monoclonal antibody against receptor OX40 (CD134), with potential immunostimulatory activity. Upon administration, tavolimab selectively binds to and activates the OX40 receptor. OX40 receptor activation induces proliferation of memory and effector T-lymphocytes. In the presence of tumor-associated antigens (TAAs), this agent may promote an immune response against TAAs-expressing tumor cells. OX40, a cell surface glycoprotein and member of the tumor necrosis factor (TNF) receptor family, is expressed on T-lymphocytes and provides a co-stimulatory signal for the proliferation and survival of activated T-cells.