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Monoclonal Antibody SGN-14

National Cancer Institute

Source

National Cancer Institute. *Monoclonal Antibody SGN-14*. NCI Thesaurus. Code C2005.

A humanized monoclonal antibody targeting the CD40 antigen with potential antineoplastic activity. CD-40, an integral membrane protein found on the surface of B lymphocytes and member of the tumor necrosis factor receptor super-family, is highly overexpressed on the cell surface of a number of B-cell malignancies. Monoclonal antibody SGN-14 specifically binds to and inhibits CD-40, thereby inhibiting cell proliferation and inducing cell lysis via antibody-dependent cellular cytotoxicity (ADCC) in cells.