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Lucatumumab

National Cancer Institute

Source

National Cancer Institute. *Lucatumumab*. NCI Thesaurus. Code C48405.

A fully human monoclonal antibody directed against the B-cell surface antigen CD40 with potential antineoplastic activity. Lucatumumab binds to and inhibits CD40, thereby inhibiting CD40 ligand-induced cell proliferation and triggering cell lysis via antibody-dependent cellular cytotoxicity (ADCC) in cells overexpressing CD40. CD40, an integral membrane protein found on the surface of B lymphocytes, is a member of the tumor necrosis factor receptor superfamily and is highly expressed in a number of B-cell malignancies.