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Anti-CTGF Monoclonal Antibody FG-3019

National Cancer Institute

Source

National Cancer Institute. *Anti-CTGF Monoclonal Antibody FG-3019*. NCI Thesaurus. Code C92577.

A human monoclonal antibody targeting connective tissue growth factor (CTGF) with potential anti-fibrotic and antineoplastic activities. FG-3019 binds to CTGF thereby preventing the binding of the ligand to the receptor and subsequent receptor activation. As CTGF enhances the production of collagen and fibronectin, FG-319 may prevent and reverse fibrosis. In addition, FG-3019 may prevent tumor cell proliferation in CTGF-expressing tumor cells. CTGF, a member of the CCN family (CTGF, CYR61/CEF and NOV), is expressed in a variety of tumor cell types and is involved in processes such as cell proliferation, cell migration, cell adhesion, differentiation and angiogenesis.