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Fibromun

National Cancer Institute

Source

National Cancer Institute. *Fibromun*. NCI Thesaurus. Code C94210.

An immunocytokine consisting of human pro-inflammatory cytokine tumor necrosis factor alpha (TNFalpha) fused to a human single-chain variable fragment (scFv) directed against the extra-domain B (ED-B) of fibronectin (L19), with potential immunopotentiating and antineoplastic activities. The L19 moiety of recombinant human fusion protein L19TNFalpha binds to the ED-B domain of fibronectin on tumor cells in the tumor neovasculature. In turn, the TNFalpha moiety may locally induce an immune response against ED-B fibronectin-expressing tumor cells and may specifically decrease the proliferation of ED-B-expressing tumor cells. ED-B is predominantly expressed during angiogenesis and tumor growth.