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Anti-TF Monoclonal Antibody ALT-836

National Cancer Institute

Source

National Cancer Institute. *Anti-TF Monoclonal Antibody ALT-836*. NCI Thesaurus. Code C96430.

A recombinant human-mouse chimeric monoclonal antibody against human tissue factor (TF), with potential antiangiogenic, anticoagulant and anti-inflammatory activities. Upon administration, anti-TF monoclonal antibody ALT-836 binds to TF or the TF-Factor VIIa (FVIIa) complex preventing binding and activation of Factor X (FX) and Factor IX (FIX). This may prevent thrombin formation and cancer-associated venous thromboembolism, and may inhibit angiogenesis and tumor cell proliferation. TF, a transmembrane protein and procoagulant, is overexpressed in many tumor cell types, and is correlated with metastasis, angiogenesis, tumor growth and tumor-associated thrombosis.