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# Recombinant Human Anti-TGF-beta Monoclonal Antibody

National Cancer Institute

## Source

National Cancer Institute. *Recombinant Human Anti-TGF-beta Monoclonal Antibody*. NCI Thesaurus. Code C84873.

A recombinant human IgG4 monoclonal antibody directed against transforming growth factor-beta (TGFβ) with potential antineoplastic activity. Recombinant human anti-TGF-beta monoclonal antibody specifically targets and binds to all 3 isoforms of TGFβ, thereby neutralizing TGFβ isoforms 1, 2 and 3. This prevents activation of TGFβ-mediated signaling pathways. TGFβ, a pleiotropic cytokine, is often overexpressed in a number of cancer cell types and is involved in cancer cell proliferation, differentiation, migration, invasion and angiogenesis.