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Certolizumab

National Cancer Institute

Source

National Cancer Institute. *Certolizumab*. NCI Thesaurus. Code C97947.

A Fab fragment of a recombinant, humanized monoclonal antibody directed against the proinflammatory cytokine tumor necrosis factor-alpha (TNF-alpha), with anti-inflammatory activity. Upon administration, certolizumab binds to TNF-alpha, preventing the interaction of this cytokine with endogenous cell surface receptors, thereby rendering TNF-alpha inactive and inhibiting TNF-mediated inflammatory responses. TNF-alpha is a protein involved in inflammation, cell survival, and apoptosis.