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# Canakinumab

National Cancer Institute

## Source

National Cancer Institute. *Canakinumab*. NCI Thesaurus. Code C80971.

A recombinant monoclonal antibody targeting human interleukin-1 beta (IL-1b), with anti-inflammatory and immunomodulating activities. Canakinumab binds IL-1b and prevents the binding of IL-1b to the IL-1 receptor and inhibits IL-1b-mediated signaling. This may suppress inflammatory responses mediated by IL-1b. IL-1b, a proinflammatory cytokine, plays a key role in inflammation.