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# Siltuximab

National Cancer Institute

## Source

National Cancer Institute. *Siltuximab*. NCI Thesaurus. Code C61084.

A chimeric, human-murine, monoclonal antibody targeting the pro-inflammatory cytokine interleukin 6 (IL-6), with antitumor and anti-inflammatory activities. Upon intravenous administration of siltuximab, this agent targets and binds to IL-6. This inhibits the binding of IL-6 to the IL-6 receptor (IL-6R), which results in the blockade of the IL-6/IL-6R-mediated signal transduction pathway. This inhibits cancer cell growth in tumors overexpressing IL-6.