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# Itolizumab

National Cancer Institute

## Source

National Cancer Institute. *Itolizumab*. NCI Thesaurus. Code C95787.

A humanized IgG1 monoclonal antibody targeting the T-cell differentiation antigen CD6, with immunomodulating activity. Itolizumab binds to CD6, downregulates the activation and differentiation of T cells, prevents CD6-mediated activation pathways and reduces the synthesis of pro-inflammatory cytokines. CD6, a co-stimulatory molecule predominantly expressed on lymphocytes, is involved in the adhesion and maturation of T cells.