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# Anti-CD123 Monoclonal Antibody CSL360

National Cancer Institute

## Source

National Cancer Institute. *Anti-CD123 Monoclonal Antibody CSL360*. NCI Thesaurus. Code C91093.

A chimeric IgG1 monoclonal antibody against CD123 (Interleukin-3 receptor alpha chain) with potential antineoplastic activity. Derived from mouse monoclonal antibody 7G3, anti-CD123 monoclonal antibody CSL360 binds to and neutralizes CD123 which is upregulated on leukemic stem cells (LSC) in acute myeloid leukemia (AML). This may inhibit IL-3-dependent signalling and proliferation and may prevent the uncontrolled growth and differentiation of mutated LSC.