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Anti-CD52 Monoclonal Antibody ALLO-647

National Cancer Institute

Source

National Cancer Institute. *Anti-CD52 Monoclonal Antibody ALLO-647*. NCI Thesaurus. Code C160787.

A monoclonal antibody directed against the cell surface glycoprotein CD52 (CAMPATH-1 antigen; Cambridge pathology 1 antigen), with potential immunodepleting activity. Upon administration, anti-CD52 monoclonal antibody ALLO-647 selectively targets and binds to CD52, thereby triggering a host immune response that results in the lysis of CD52-positive lymphocytes. This leads to immunodepletion and may prevent graft-versus-host disease (GvHD). CD52 is a glycoprotein expressed on the surface of many immune cells, including essentially all B- and T-lymphocytes.