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Monoclonal Antibody AbGn-7

National Cancer Institute

Source

National Cancer Institute. *Monoclonal Antibody AbGn-7*. NCI Thesaurus. Code C99162.

A chimeric monoclonal antibody against a Lewis-A-like glycotope (AbGn-7 antigen) with potential immunomodulating and antineoplastic activities. Monoclonal antibody AbGn-7 targets and binds to the carbohydrate AbGn-7 antigen on the cell surface of tumor cells and may induce complement-dependent cytotoxicity (CDC) and antibody-dependent cell-mediated cytotoxicity (ADCC), thereby killing AbGn-7-epitope positive tumor cells. AbGn-7 antigen is expressed on a variety of tumor cell types, including human colorectal, pancreatic and gastric tumor cells.