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Anti-MUC1 Monoclonal Antibody BTH1704

National Cancer Institute

Source

National Cancer Institute. *Anti-MUC1 Monoclonal Antibody BTH1704*. NCI Thesaurus. Code C118362.

A monoclonal antibody against the tumor associated antigen (TAA) mucin-1 (MUC1), with potential antineoplastic activity. Upon administration, anti-MUC1 monoclonal antibody BTH1704 targets and binds to MUC1 expressed on the surface of tumor cells, which can potentially activate the immune system to induce an antibody-dependent cellular cytotoxicity (ADCC) against MUC1-expressing tumor cells. MUC1, a glycoprotein overexpressed on the surface of a variety of cancer cells, plays a key role in tumor cell survival and proliferation.