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Anti-ICAM-1 Monoclonal Antibody BI-505

National Cancer Institute

Source

National Cancer Institute. *Anti-ICAM-1 Monoclonal Antibody BI-505*. NCI Thesaurus. Code C88327.

A fully human IgG1 monoclonal antibody directed against intercellular adhesion molecule-1 (ICAM-1 or CD54), with potential antineoplastic activity. Anti-ICAM-1 monoclonal antibody BI-505 selectively binds to the adhesion protein ICAM-1, which may result in antibody-dependent cellular cytotoxicity (ADCC), hyper-cross-linking-induced apoptosis, and a decrease in cellular proliferation of ICAM-1-expressing tumor cells. ICAM-1, normally expressed on leukocytes and endothelial cells, may be overexpressed in a variety of cancers.