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Anti-CD70 Monoclonal Antibody MDX-1411

National Cancer Institute

Source

National Cancer Institute. *Anti-CD70 Monoclonal Antibody MDX-1411*. NCI Thesaurus. Code C78187.

A glycoengineered, fully human IgG1 monoclonal antibody directed against the extracellular domain of the human CD70 molecule with potential antineoplastic activity. Anti-CD70 fully human monoclonal antibody MDX-1411 selectively binds to the extracellular domain of CD70, which may induce an antibody-dependent cellular cytotoxicity (ADCC) response against CD70-expressing tumor cells. CD70, the ligand for the costimulatory receptor CD27 and a member of the tumor necrosis factor (TNF) family, is found on renal cell carcinoma (RCC) cells among other cancer cell types.