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Anti-C4.4a Antibody-Drug Conjugate BAY1129980

National Cancer Institute

Source

National Cancer Institute. *Anti-C4.4a Antibody-Drug Conjugate BAY1129980*. NCI Thesaurus. Code C116070.

An antibody-drug conjugate (ADC) composed of an antibody against a structural homolog of the urokinase-type plasminogen activator receptor (uPAR) and tumor-associated antigen, C4.4a, and conjugated with a cytotoxic agent, with potential antineoplastic activity. Upon intravenous administration, anti-C4.4a antibody-drug conjugate BAY1129980 targets and binds to C4.4a-expressing tumor cells. Upon binding and cell entry, the cytotoxic agent kills the tumor cell. C4.4a, a glycolipid-anchored membrane protein and a member of the Ly-6 family, is overexpressed by a variety of cancer cell types whereas it is minimally expressed on healthy cells.