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Autologous Anti-CD38 A2 CAR2-expressing T-cells

National Cancer Institute

Source

National Cancer Institute. *Autologous Anti-CD38 A2 CAR2-expressing T-cells*. NCI Thesaurus. Code C156170.

A preparation of genetically modified autologous T-cells expressing a chimeric antigen receptor recognizing the tumor-associated antigen (TAA) cluster of differentiation 38 (CD38), with potential immunostimulating and antineoplastic activities. Upon intravenous administration, autologous anti-CD38 A2 CAR2-expressing T-cells are directed to and induce selective toxicity in CD38-expressing tumor cells. CD38, a type II transmembrane glycoprotein, is present on various immune cells and hematologic malignancies, and its expression has been correlated with poor prognosis.