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Anti-CD133-CAR Vector-transduced Allogeneic T Lymphocytes

National Cancer Institute

Source

National Cancer Institute. *Anti-CD133-CAR Vector-transduced Allogeneic T Lymphocytes*. NCI Thesaurus. Code C124132.

A preparation of allogeneic peripheral blood T-lymphocytes (PBT L) that have been genetically modified to express a chimeric antigen receptor (CAR) specific for the chimeric CD (cluster of differentiation) 133 antigen receptor, with potential immunostimulating and antineoplastic activities. Upon administration, anti-CD133-CAR vector-transduced allogeneic T-lymphocytes specifically recognize and kill CD133-expressing tumor cells. CD133, a tumor associated antigen (TAA), is overexpressed on a variety of tumor cell types.