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# EpCAM-specific CAR-expressing Autologous T-lymphocytes

National Cancer Institute

## Source

National Cancer Institute. *EpCAM-specific CAR-expressing Autologous T-lymphocytes*.  
NCI Thesaurus. Code C126801.

A preparation of autologous T-lymphocytes that have been genetically modified to express a chimeric antigen receptor (CAR) specific for the antigen epithelial cell adhesion molecule (EpCAM), with potential immunostimulating and antineoplastic activities. Upon administration, the EpCAM-specific CAR-expressing autologous T-lymphocytes specifically recognize and bind to EpCAM-expressing tumor cells, resulting in tumor cell lysis. EpCAM, a cell surface protein, is expressed by a variety of tumor cells.