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# Solitomab

National Cancer Institute

## Source

National Cancer Institute. *Solitomab*. NCI Thesaurus. Code C77854.

A recombinant bispecific monoclonal antibody directed against both CD3 and epithelial cell adhesion molecule (EpCAM) with potential immunomodulating and antineoplastic activities. Solitomab attaches to both CD3-expressing T lymphocytes and EpCAM-expressing tumor cells, thereby selectively cross-linking tumor and T lymphocytes; this may result in the recruitment of cytotoxic T lymphocytes (CTL) to T lymphocyte/tumor cell aggregates and the CTL-mediated death of EpCAM-expressing tumor cells. CD3 is an antigen expressed on mature T cells; EpCAM, a cell surface protein, is expressed by a variety of tumor cells and is frequently found in head and neck cancers.