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# Anti-CEA BiTE Monoclonal Antibody AMG211

National Cancer Institute

## Source

National Cancer Institute. *Anti-CEA BiTE Monoclonal Antibody AMG211*. NCI Thesaurus. Code C95728.

A recombinant, proprietary bispecific T-cell engagers (BiTE) antibody directed against human carcinoembryonic antigen (CEA), with potential immunostimulating and antineoplastic activities. Anti-CEA BiTE monoclonal antibody AMG211 possesses two antigen-recognition sites, one for CEA and one for the CD3 complex, a group of T cell surface glycoproteins that complex with the T cell receptor (TCR). This bispecific monoclonal antibody brings CEA-expressing tumor cells and cytotoxic T lymphocytes (CTLs) and helper T lymphocytes (HTLs) together, which may result in the CTL- and HTL-mediated cell death of CEA-expressing cells. CEA, a tumor associated antigen, is overexpressed in many cancer types, including gastrointestinal, breast, non-small cell lung, and thyroid cancers.