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# Anti-CEA/Anti-HSG Bispecific Monoclonal Antibody TF2

National Cancer Institute

## Source

National Cancer Institute. *Anti-CEA/Anti-HSG Bispecific Monoclonal Antibody TF2*. NCI Thesaurus. Code C82355.

A tri-Fab bispecific monoclonal antibody (BiMoAb) divalent for the carcinoembryonic antigen (CEA) and monovalent for histamine-succinyl-glycine (HSG) peptide-hapten. Anti-CEA/anti-HSG bispecific monoclonal antibody TF2 binds to the tumor associated antigen (TAA) CEA on CEA-expressing tumor cells. Subsequently, an HSG peptide-hapten carrying a radionuclide is administered, binding to the anti-HSG binding fragment on the BiMoAb. Depending on the characteristics of the radionuclide used, CEA-expressing tumor cells may then be radioimaged and/or treated radioimmunotherapeutically.