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Anti-SSTR2/CD3 Monoclonal Antibody XmAb18087

National Cancer Institute

Source

National Cancer Institute. *Anti-SSTR2/CD3 Monoclonal Antibody XmAb18087*. NCI Thesaurus. Code C146820.

A humanized, Fc domain-containing, bispecific monoclonal antibody targeting human CD3, a T-cell surface antigen, and somatostatin receptor 2 (SSTR2), a tumor-associated antigen (TAA) expressed on certain cancer cells, with potential antineoplastic activity. Upon administration, anti-SSTR2/CD3 monoclonal antibody XmAb18087 binds to both T-cells and SSTR2-expressing cancer cells. The resulting cross-linkage may trigger a potent cytotoxic T-lymphocyte (CTL) response against the SSTR2-expressing cancer cells. The inclusion of an Fc domain on the antibody prolongs the half-life of the bispecific antibody.