BISPECIFIC ANTI-BCMA x ANTI-CD3 ANTIBODIES AND USES THEREOF

Abstract

B-cell maturation antigen (BCMA) is expressed on malignant plasma cells. The present invention provides novel bispecific antibodies (bsAbs) that bind to both BCMA and CD3 and activate T cells via the CD3 complex in the presence of BCMA-expressing tumor cells. In certain embodiments, the bispecific antigen-binding molecules of the present invention are capable of inhibiting the growth of tumors expressing BCMA. The bispecific antigen-binding molecules of the invention are useful for the treatment of diseases and disorders in which an upregulated or induced BCMA-targeted immune response is desired and/or therapeutically beneficial. For example, the bispecific antibodies of the invention are useful for the treatment of various cancers, including multiple myeloma.

[FIG. 1]